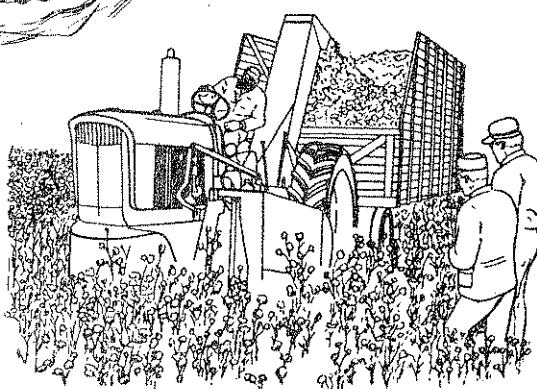
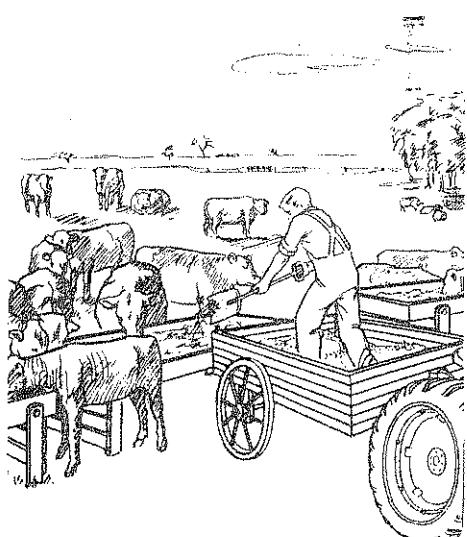
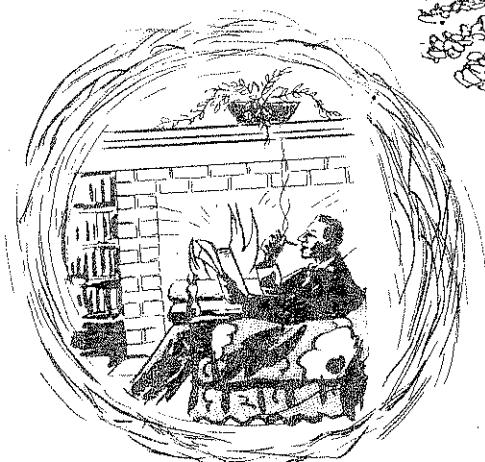
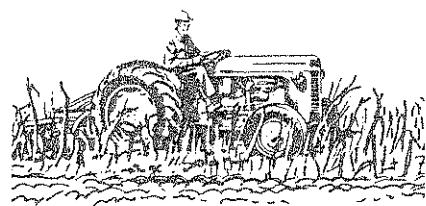
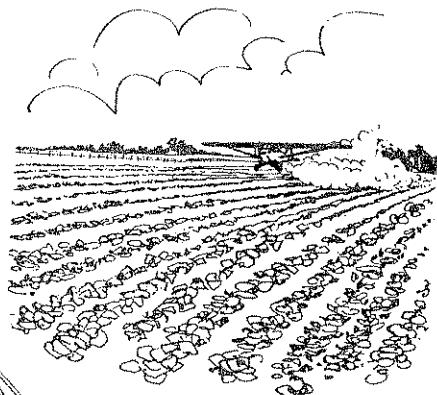
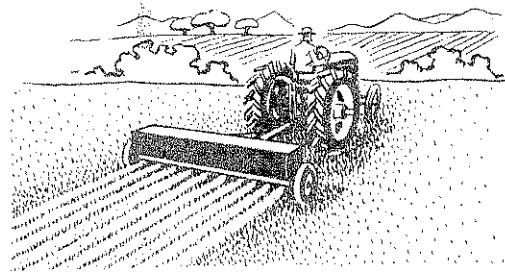


Annual

Mississippi

Weather-Crop

Summary



November 1964

Cover:

Plowing, Fertilizing, Dusting, Harvesting, and Feeding all revolve around planning, and a well informed farmer with accurate statistics is better prepared for the decision making necessary in today's highly competitive farming than one who relies on intuition alone.

MISSISSIPPI
WEATHER-CROP SUMMARY

COMPILED
BY

MISSISSIPPI CROP AND LIVESTOCK REPORTING SERVICE
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COOPERATING WITH

U.S. WEATHER BUREAU
ALLEN THOMPSON FIELD JACKSON, MISS.
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Weather data for this publication were furnished by the Weather Bureau State Meteorologist, much of which came from Cooperative Weather Observers.

Crop data for this publication were furnished by County Agents and Soil Conservation Service personnel in the various counties.

Special acknowledgment is given to these Cooperative Weather Observers and County Agricultural workers for their valuable contributions which made this report possible.

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1962 Crop Summary

Cold weather in January retarded growth of pasture and small grains. Some oats were killed by freezing temperatures and livestock had to be kept off temporary pastures due to excessive soil moisture. Rainy weather and soggy fields kept farmers indoors. The condition of livestock declined during the month from fair to good to mostly fair. Some new born calves were lost during the snow near the middle of the month and the accompanying cold froze ponds over, burst water pipes, cut milk and egg production and caused the loss of a large number of broiler chicks. Feed grain, hay and roughage were generally in adequate supply but were being used rapidly.

A warming trend that started late in January continued through February improving pastures and small grains. A drop in soil moisture permitted spring plowing, scrapping cotton and pulling corn. Temporary pastures dried up enough to provide grazing and livestock improved somewhat. Feed grain, hay and roughage supplies continued to decrease and some shortages were reported. Cabbage were set in Copiah County.

Freezing temperatures March 5 and 6 damaged early gardens, Irish potatoes, and Tung nuts. Land preparation moved ahead during March and was about half completed by the end of the month. Clovers and early grasses recovered from the setback early in the month and were providing good grazing at the close of March.

Rains during the first two weeks of April held up planting somewhat but by the end of the month one-third of the cotton crop and about 40% of the corn crop had been planted. At the end of the month cabbage were being harvested in Copiah County and the crop was looking fine. Pastures continued to improve during April and cattle ended the month in better than normal condition.

Planting of cotton, corn, soybeans and rice made good progress during May. Lack of soil moisture became a problem after the middle of the month, but was ended by rain before the end of the month. At the end of the month cotton was virtually all planted and up to stand, two-thirds of the crop had been chopped and some fields were squaring. By the first of June almost all rice, 80 percent of the corn crop and 70 percent of the soybean crop was planted, and the harvest of oats and wheat was underway.

During June conditions improved for field crops and the planting of corn, sorghums, and soybeans was completed. Hay crops grew well but harvest was held up by rain in many cases. The cotton crop finished the month in good condition, 45 percent of the crop was blooming and over 30 percent setting bolls. Boll weevil infestation was low but the first generation of new boll weevils had been found in some areas before the end of the month. The corn crop was generally in good condition at the end of the month and about 40 percent was in the tasseling stage. Oats and wheat were harvested during June. Yields were generally fair to good, much better than was expected during the last of January. Pastures grew well during the month and livestock responded and were looking good. An outbreak of anthrax in Attala, Grenada, Winston, Noxubee, Calhoun, Montgomery, Leflore, Tallahatchie and Carroll Counties caused the loss of about 350 head of cattle. Peaches were mostly poor with about 25 percent harvested.

July was hot and dry with local relief in the form of thunder showers. Pastures declined and as they did so did livestock. Corn in some areas was twisting and firing up due to lack of moisture and high temperatures. Soybeans were generally fair to good

but early beans were not setting fruit and late beans were not growing. Many farmers were busy harvesting hay and a short crop was forecast for some areas. The cotton crop in general improved during the month, however, in the drier areas cotton was beginning to shed squares and young bolls. By the last of the month 98 percent was blooming with 90 percent setting bolls. Boll weevil infestation was about 10 percent. The condition of corn was mostly fair and by the month's end 25 percent of the crop was not yet in the dough stage, 30 percent was in the dough stage, and 45 percent was dented but not hard. About half of the soybean acreage was blooming and about 30 percent setting pods by the end of the month. Peaches were about 90 percent harvested by the first of August.

The drought that began in July continued on into August, broken only in scattered small areas. Cotton continued to shed, bolls opened prematurely, and picking had started in many counties by the middle of the month. Corn was hard hit by the dry weather, particularly, in the southern part of the state. Prospective yields were poor. By the end of the month about half of the crop was mature and some harvesting was being done. Soybeans came through the month in mostly fair condition. By the first of September most of the crop was podding with about 5 percent mature and some beans were being harvested. Pastures generally declined and ended the month mostly fair to poor. Livestock were mostly fair to good.

During September scattered showers were generally widespread enough in the Northern portion of the state to improve pastures while in the Central and Southern parts of the state they continued to be too scattered to help. Fall plowing got underway where soil moisture permitted and by the month's end 35 percent of winter wheat and fall oats had been planted. Over 75 percent of the cotton was open and 40 percent harvested before the end of the month. Mechanical harvesters were used more than previously, and it was estimated that over half the cotton harvested had been machine picked. The harvest of corn, soybeans, and sorghum grains got underway during the month. Near ideal weather permitted the harvest of fall hays but yields were low. Livestock remained mostly fair to poor.

October is primarily a harvesting month and this one was blessed with harvesting weather. Harvest progressed rapidly and by the end of the month about 90 percent of the state's cotton crop had been picked and about 65 percent of the corn, 30 percent of the soybeans, 80 percent of the sorghums, and 70 percent of the sweetpotatoes in the state had been harvested. Pasture conditions declined during the month as summer grasses died or became dormant and temporary pastures suffered from the dry weather. However, livestock were reported mostly fair to good. The harvest of rice and hay was virtually complete by the end of the month.

The first two weeks of November saw more harvesting of crops and by the middle of the month cotton harvest was nearing completion while corn was 85 percent and soybeans were 80 percent harvested. Pecan harvest was underway, but the crop was generally poor. The Central and Southern parts of the state were so dry that farmers were having difficulty in getting winter grazing and cover crops planted and up to stand. Pasture conditions were generally fair to poor and supplemental feeding of livestock had begun in some areas. Hay shortages were expected later in the winter due to the heavy feeding necessary. Oats and wheat were still being planted at mid-month. Rain the last two weeks of the month helped winter pastures, and fall planted small grains.

Cold weather and shortages of soil moisture retarded the growth of pastures and small grains during December. Harvest of all crops was nearing completion by the first week of the month and farming activities were largely limited to stalk cutting, fall plowing and tending to livestock. By the end of the month shortages of farm feed supplies were being felt in the Central and Southern parts of the state. Some oat fields were killed back to the ground by cold weather. Pastures ended the month in poor condition, livestock were mostly fair.

1963 Crop Summary

Soil moisture, which had been a limiting factor to small grains and pasture growth, improved during January 1963, but the accompanying cold weather prevented any rapid improvement. Extreme cold after the middle of the month did extensive damage to oats, ryegrass, and winter wheat. Pastures passed the month in poor condition, and by the month's end, farm supplies of feed grains, hay and roughage were critically short.

The first half of February was unfavorable for plant growth and the planting of cabbage and other early truck crops was delayed during the month by cold wet weather. Pastures remained poor during the month, shortages of roughages and feed grains on farms became worse and the condition of livestock declined. By the end of the month, soil moisture was adequate to excessive over most of the state, but shortages of moisture was reported in the subsoil and many stock ponds were not full.

Warmer weather during the early part of March brought life to small grain fields and ryegrass and clover began growing. With signs that grazing would be available soon, prospects were looking up for livestock farmers. Soil moisture declined during the month and before march was over, it was too dry for plowing in some areas, truck crops were needing rain, and the recovery of pastures was slowed almost to a standstill.

By the end of the first week in April over 15 percent of the state's corn acreage had been planted, about 85 percent of the irish potatoes had been planted, cotton planting had begun all over the state, and sweet potato growers were preparing to set out plants. By the middle of the month, soil moisture had become critically short in southeast Mississippi and was preventing seed germination in some cases.

By the first of May, planting was well ahead of usual. Cotton was about 80 percent planted, corn 65 percent, sweetpotatoes 30 percent, sorghums 28 percent, and soybeans about 14 percent. Cabbage were harvested in the Copiah County area during May, but production was less than had been anticipated earlier due to the drought which had developed over the southern part of the state by this time. By the end of the month 98 percent of the wheat crop was headed and 95 percent of the oats were headed. Combining had begun where the crops were maturing early due to the dry weather.

June began hot and dry with adequate soil moisture only in the northern and north-eastern counties. Before the middle of the month pastures in the southern part of the state were in critical condition and there appeared little chance of recovery. The dry weather aided farmers combining small grains so that the harvest progressed rapidly; however, production was reduced by the winter cold damage and the dry spring. Cotton, corn, and soybeans finished in the month in mostly good condition in the northern half of the state, and mostly poor in the southern half.

Early July brought relief from the drought to most areas of the state but in some southern counties, the showers were too light and too infrequent, while the northern third of the state reported surplus to excessive soil moisture every week of the month.

Cotton improved in the southern part of the state from fair to good, to mostly good; while corn went from poor to fair, to fair to good in that area. Corn and cotton were mostly good to very good in the northern part of the state. At the end of the month, soybeans were mostly very good in the Delta area and mostly good elsewhere.

August was generally dry over the state; however, the northern part of the state which had begun the month with surplus soil moisture came through in better condition than did the southern areas where moisture was short to adequate at the beginning and short to very short before the month's end. Cotton harvest began early due to the drought and by the month's end about 3 percent of the state's cotton crop had been harvested, while 15 percent was open. Corn was about 65 percent mature, and 10 percent had been harvested before the first of September. Soybeans ended the month in mostly good condition, 70 percent had bloomed, 50 percent were podding, 20 percent were turning, and 10 percent were mature.

Cotton harvest picked up during September and by the end of the month, over 30 percent of the crop had been harvested. By this time it was obvious to even the most sceptical observers that this year's crop would set a new yield record. Soybeans generally declined during the month as moisture supplies became shorter. Before the end of the month, 5 percent had been harvested, another 15 percent were mature, 15 percent were shedding, 30 percent were turning and 35 percent were still podding. Corn came through the month in mostly good to very good condition in the northern half of the state and fair in the southern part. By the beginning of October, 25 percent of the corn crop had been harvested, and another 70 percent was mature. Harvest of other crops included sorghums over 50 percent, sweetpotatoes about 30 percent, and hay crops about 85 percent complete.

October saw the state in a drought, which wasn't broken until the last day of the month. Good progress was made in harvesting and by the end of the month 90 percent of the cotton crop, 75 percent of the corn crop, 70 percent of the soybean crop and about 90 percent of the sorghum crop had been harvested. Pecans began falling during the month and it was found that many hadn't filled out properly due to the drought. The drought was bringing distress to farmers who wished to plant small grains and winter pastures as the ground was too dry to plow or plant.

November brought some relief from the drought in the form of showers; however, the rains were generally light enough not to interfere for long with harvesting. Harvest of cotton was almost completed during the month, soybeans and corn harvest was about 95 percent complete by the month's end and harvest of other crops was virtually all completed. Planting of small grains continued past the middle of the month, with earlier planted fields being held back by the lack of soil moisture. Pastures passed the month in poor condition, but livestock managed to remain in fair to good condition.

Early December saw improvements in small grains and winter pastures, brought about by showers the last few days of November and early in December. By this time, more fall plowing had been completed than usual and farmers were still busy cutting stalks, applying lime, and doing more fall plowing. Before the end of the month, ice and snow covered most of the state and cold was now retarding small grains that had been plagued for so long by lack of moisture. Pastures ended the year in poor to fair condition as did livestock.

CLIMATE OF MISSISSIPPI 1

RALPH SANDERS, WEATHER BUREAU STATE CLIMATOLOGIST

In its broader aspects the climate of Mississippi is determined by the huge land mass to the north, its subtropical latitude, and the Gulf of Mexico to the south, but modifications are introduced by the varied topography.

The prevailing southerly winds provide a moist, semitropical climate, with conditions often favorable for afternoon thundershowers. When the pressure distribution is altered so as to bring westerly or northerly winds, periods of hotter and drier weather interrupt the prevailing moist condition. The high humidity, combined with hot days and nights in the interior from May to September, produces discomfort at times. The principal relief is by thunderstorms, sometimes accompanied by locally violent and destructive winds.

In the colder season the State is alternately subjected to warm tropical air and cold continental air, in periods of varying length. However, cold spells seldom last over 3 or 4 days. The ground rarely freezes, and then mostly only in the extreme north and only a few inches deep. Although slowly warmed by its southward journey, the cold air occasionally brings large and rather sudden drops in temperature. In winter the Atlantic High is also sometimes located far enough west to serve as a barrier to cold air approaching the State. Most frequently this produces a pattern of warm, clear weather over the southern part of the State with cold, rainy weather to the north of the "front", but occasionally the entire State will be under the balmy influence of this subtropical anticyclone.

Mississippi is south of the average track of winter cyclones, but occasionally one moves over the State. In some winters a succession of such cyclones will develop in the Gulf of Mexico or in Texas and move over or near the State. The winter of 1957-58 was a classic example of a continuing series of Gulf cyclones. The State is occasionally in the path of tropical storms or hurricanes.

Mean annual precipitation ranges from about 50 inches in the northwest to 65 inches in the southeast.

During the freeze-free season rainfall ranges from 23 to 25 inches in the Delta districts to 36 to 38 inches in the southeast.

This distribution discourages the growth of crops with critical water requirements, such as corn in much of the "Delta" and the northeast prairie but is beneficial in particular for cotton. Conversion from crops to cattle in large areas in the north is due at least in part, to insufficient or poorly distributed rainfall in that area. Irrigation is being increasingly practiced because the generous rainfall does not always come in the time of greatest need.

During the winter the precipitation maximum is centered over the northern and western counties (16 to 18 inches) with the minimum (13 inches) on the coast. In summer the maximum shifts to the coastal counties (19 to 21 inches) and the minimum to the Delta counties (9 to 11 inches). The spring and fall patterns are very similar to the summer pattern. The fall months are the driest of the year, precipitation ranging from about 8 to 13 inches. This favors harvesting of crops. Fall is the most agreeable season of the year, with cool nights and mild, clear, sunny days persisting for several days, and even weeks, at a time.

The greatest rate of rainfall recorded in Mississippi is 0.83 inch in 5 minutes at Vicksburg or a rate of 9.96 inches per hour. Of course this rate is never sustained for any length of time, and the greatest of record in 1 hour is 3.66 inches at Meridian. From the beginning or record through 1950, the heaviest 24-hour rainfall was 12.35 inches at Merrill during a hurricane on July 5, 1916. Generally, however, the most intense rains are associated with thunderstorms; tropical storms usually cause heavier rains over longer periods of time.

While snowfall is not of much economic importance, it is not such a rare event in Mississippi as is generally believed. During the 60 years from 1898 through 1957, measurable snow or sleet has fallen on some part of the State in all but 3 years, or 95 percent of the years. North of 34°N. latitude measurable snow has fallen in 65 to 85 percent of the years; between 34° and 33°N., it has fallen in 50 to 65 percent of the years; between 33° and 32°N. in 30 to 55 percent of the years; between 32° and 31°N. in 10 to 30 percent of the years; and below 31°N. to the coast, measurable snow has fallen in about 10 percent of the years. During these 60 years snow or sleet has fallen in January in 37 years. In February in 31 years, in March in 15 years, in November in 5 years, and in December in 29 years.

The normal annual temperature ranges from 62°F. in the northern border counties to 68°F. in the coastal counties. The lowest January normal is 43°F. in the north-central area, ranging upward to 54°F. in the coastal district. The highest July normal is 84°F. in the upper Delta, ranging downward to 80°F. in parts of central and north-central districts. The lowest temperature ever observed was 16°F. below zero at Batesville in February 1951 and at French Camp in February 1899. Temperatures of 90°F. or higher occur on an average of 55 days per year on the immediate Gulf Coast under the ameliorating effect of the relatively cooler Gulf waters. There is a rapid increase in number of days 90°F. or higher inland from the coast, reaching a maximum of 105 such days in Stone County. Temperatures of 32°F. (Freezing) or lower occur on an average of 11 days a year on the immediate Gulf coast, increasing to a maximum of 60 days in Panola County. Temperatures exceed 100°F. at one or more stations each summer. They drop to zero or lower in Mississippi on an average of once in 5 years and to 32°F. or lower on the Gulf coast almost every winter.

Thunderstorms occur on an average of 50 to 60 days a year in the northern districts and 70 to 80 days a year near the coast. Thundershowers occur more frequently in July than any other month, with the least in December. Those in late fall, winter, and early spring are more apt to be attended by high winds than in summer. However, in the interior in summer after a spell of unusually high temperatures, thunderstorms may develop with local violence. During late fall, winter, and early spring, thunderstorms may occur at any time of day, as they are usually associated with passing weather systems. During the warm season about 65 percent of the thundershowers occur between noon and 6 p.m. and 85 percent between noon and midnight in the interior. Near the coast 30 percent occur between 6 a.m. and noon, 60 percent between noon and 6 p.m. or about 90 percent between 6 a.m. and 6 p.m.

It is well to reiterate that Mississippi has a climate characterized by absence of severe cold in winter and extreme heat in summer; that the ground rarely freezes and outdoor activities are generally favored year-round; cold spells are usually of short duration and the growing season is long; rainfall is plentiful, but so is sunshine; and dry spells most frequently come at harvest time when needed most. While tornadoes and hurricanes cost heavily in lives and property, these effect only a small part of the State at any time and protective measures can be taken against them.

1/ "Climates of the States, Mississippi" Climatology of the United States No. 60-22
U.S. Department of Commerce Weather Bureau

U. S. DEPARTMENT OF COMMERCE WEATHER BUREAU
*MEAN TEMPERATURE AND PRECIPITATION
MISSISSIPPI

L.S. 5812

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	Temperature	Precipitation																								
UPPER DELTA																										
CLARKSDALE	45.8	6.23	46.4	5.02	56.0	5.80	55.1	4.68	73.4	4.25	81.4	3.76	83.6	3.66	83.1	2.26	77.1	2.34	66.8	2.33	53.8	4.45	48.5	5.14	65.1	49.92
CLEVELAND	6.04		4.73		6.60		5.71		4.02		3.71		4.42		2.56		2.60		2.58		4.40		5.37		52.02	
SCOTT	64.6	6.16	47.2	4.76	54.6	6.21	63.4	4.08	71.0	4.22	70.5	3.26	81.6	3.72	81.2	2.45	75.1	2.43	65.0	2.44	52.4	4.36	45.6	5.10	63.8	50.08
SWAN LAKE	3.96		4.80		6.13		4.64		3.78		3.04		4.14		2.71		2.71		2.71		4.40		5.31		50.61	
DIVISION	45.1	6.36	47.6	4.88	55.0	6.04	64.0	4.74	71.8	3.99	79.8	3.33	82.0	3.78	81.7	2.41	79.6	2.48	65.3	2.44	52.8	4.28	46.0	5.10	63.9	49.83
NORTH CENTRAL																										
GATESVILLE	44.3	6.33	46.8	4.79	53.9	6.25	62.9	5.04	70.7	4.06	78.8	3.28	81.3	4.12	80.8	3.45	74.6	2.64	63.8	2.50	51.7	4.49	44.9	5.55	62.9	52.56
GRENADA	5.78		5.06		6.81		6.27		3.70		3.49		3.96		3.66		2.55		2.25		4.63		5.25		51.17	
HOLLY SPRINGS 2 N	43.3	6.72	45.3	5.45	52.9	6.17	61.0	4.70	69.0	4.20	78.2	3.65	80.9	4.69	80.4	3.20	74.1	3.63	63.9	2.88	51.3	4.73	44.1	5.09	62.2	51.11
UNIVERSITY	44.6	6.16	47.1	5.18	54.6	6.09	63.4	4.77	70.9	3.90	78.9	3.71	81.2	4.21	80.2	3.98	75.3	3.15	65.0	2.54	52.4	4.72	45.7	5.32	63.4	52.73
WATER VALLEY	45.3	5.80	47.6	5.14	54.0	6.69	62.8	5.11	70.3	3.06	78.5	3.67	81.2	4.97	80.8	3.13	75.0	2.89	64.7	2.53	52.9	4.49	45.9	5.46	63.3	53.03
DIVISION	44.5	6.16	46.6	5.10	53.9	6.08	62.7	4.86	70.5	4.04	78.6	3.60	81.1	4.32	80.7	3.16	74.8	3.03	64.5	2.61	52.1	4.52	45.2	5.33	62.9	52.81
NORTHEAST																										
BOONEVILLE	43.2	6.17	44.8	5.78	52.2	6.33	61.2	4.76	69.8	4.14	77.6	3.48	80.2	4.24	79.9	3.30	73.9	3.01	63.6	2.84	50.9	4.65	43.6	5.63	61.7	54.42
CORINTH	44.0	6.36	46.0	5.34	53.5	5.71	62.8	4.68	71.1	4.09	79.4	3.62	81.5	3.43	75.2	3.05	64.5	2.74	51.7	4.61	44.7	4.89	53.0	52.54	61.0	52.01
FULTON 3 H	5.55		5.92		6.78		4.60		4.20		3.31		4.81		3.34		2.83		2.32		4.18		5.07		52.91	
PONTOTOC	45.1	5.83	47.2	5.14	64.6	6.53	62.0	4.73	70.0	3.71	78.7	3.83	80.9	4.95	81.2	2.97	79.5	3.11	65.1	2.22	52.4	4.47	45.5	5.15	63.3	52.94
TUPELO	44.5	6.00	46.6	5.59	53.8	7.00	62.7	4.14	71.3	3.78	79.5	3.72	81.5	2.73	75.3	2.03	64.5	2.65	52.0	4.17	45.3	5.35	63.2	52.88		
DIVISION	44.2	6.06	46.2	5.44	53.5	6.39	62.4	4.58	70.7	4.03	78.8	3.64	81.2	4.47	80.9	3.20	74.8	2.99	64.3	2.61	51.6	4.48	44.8	5.23	62.8	53.12
LOWER DELTA																										
BELZONI	47.8	5.78	50.4	5.01	57.5	5.54	65.2	4.88	73.0	3.57	80.4	3.67	82.5	3.56	82.2	2.66	76.3	2.05	66.3	2.31	54.6	4.58	48.4	5.49	65.6	49.04
GREENVILLE	47.0	6.77	49.3	5.06	54.6	5.90	64.6	5.21	72.5	3.70	79.2	3.52	82.4	4.29	82.3	2.93	76.6	2.87	66.7	2.27	56.4	4.47	47.7	5.56	65.0	51.69
GREENWOOD CAA AP	47.0	5.86	49.5	4.95	56.6	5.87	64.8	4.69	72.7	3.90	80.4	3.65	82.5	4.30	82.2	2.95	76.2	2.63	65.6	2.31	53.5	4.58	47.4	5.65	64.9	51.89
MOORHEAD	44.6	5.59	49.1	4.66	56.2	5.94	64.6	5.00	72.5	3.43	80.3	3.74	81.3	4.24	81.3	2.01	75.7	2.46	64.9	2.21	53.3	4.12	47.2	5.45	64.5	49.10
STONEVILLE EXP STA	46.7	5.77	48.9	4.84	55.9	5.71	64.0	4.74	71.6	3.96	79.5	3.61	81.6	3.96	81.3	2.51	75.6	2.41	65.3	2.47	53.6	4.13	47.4	5.56	64.3	49.67
YAZOO CITY	48.3	5.29	50.6	5.10	57.6	5.43	65.3	4.72	72.9	3.81	80.1	3.77	82.3	4.66	82.2	2.96	76.4	2.10	66.7	2.53	54.8	4.48	48.9	5.18	65.6	49.83
DIVISION	47.3	5.90	49.7	4.90	56.7	5.66	64.7	4.88	72.5	3.76	80.1	3.63	82.2	4.16	81.9	2.69	76.2	2.46	65.9	2.36	54.0	4.43	47.8	5.44	64.0	50.70
CENTRAL																										
CANTON	48.9	5.53	50.9	4.89	57.3	5.93	64.5	4.47	72.2	4.03	79.4	3.47	81.8	5.05	81.3	3.00	70.1	1.93	66.1	1.70	54.8	3.93	49.5	5.54	65.2	49.47
EDINBURG	56.3	5.66	50.1	5.59	56.6	6.22	63.6	4.85	70.8	4.35	78.3	3.52	80.4	3.41	81.9	2.70	76.0	6.48	81.5	3.63	53.7	4.87	54.67	53.53	64.7	50.20
EUPORA	46.8	5.80	48.7	5.05	55.3	5.98	63.0	4.10	70.6	3.51	78.5	3.46	81.2	5.12	80.4	3.19	74.9	2.50	64.9	2.36	53.0	4.03	50.01	50.38	63.6	52.61
KOSCIUSKO	46.9	5.78	48.7	5.67	55.8	5.77	63.4	4.66	71.2	4.11	78.7	3.70	80.8	5.59	80.7	3.00	75.3	2.91	65.4	2.14	53.4	4.22	47.3	5.26	64.0	52.61
DIVISION	47.8	5.78	49.6	5.24	56.2	6.05	63.7	4.52	71.2	3.98	78.8	3.65	80.9	5.41	80.6	3.14	75.4	2.60	65.3	2.05	53.7	4.12	48.0	5.32	64.3	51.86
EAST CENTRAL																										
ABERDEEN	46.8	5.66	48.7	5.68	55.8	6.22	63.8	4.60	71.7	3.60	79.7	3.82	82.0	5.01	81.8	3.12	75.7	2.72	65.0	2.33	53.1	3.84	46.8	5.00	64.2	51.40
COLUMBUS	47.6	5.91	49.4	5.62	54.3	6.16	63.6	4.37	71.5	4.11	79.2	3.28	81.8	5.17	82.2	3.28	76.3	3.36	50.7	2.39	53.7	3.66	47.6	4.86	64.7	50.20
LOUISVILLE	47.3	5.92	49.2	5.26	56.0	6.16	63.6	4.37	71.4	3.10	79.2	3.22	81.2	4.04	81.2	3.32	75.3	3.07	65.4	2.21	53.2	4.18	47.3	5.45	63.5	53.45
MACON 2 NE	47.9	5.76	49.8	5.88	56.9	6.20	64.7	4.83	72.7	3.88	80.4	3.04	82.3	5.01	80.8	3.24	76.0	3.04	66.7	2.24	56.5	4.11	47.8	5.30	64.2	53.29
STATE-COLLEGE	47.5	5.46	49.5	5.07	56.2	5.70	64.2	3.78	70.6	3.13	79.6	3.13	81.5	5.49	81.1	3.28	76.0	2.59	65.9	2.55	53.9	4.25	47.6	4.68	64.6	49.68
DIVISION	47.3	5.60	49.1	5.05	61.0	5.91	63.6	4.26	71.7	3.73	79.5	3.30	81.5	5.42	81.3	3.20	75.8	2.93	65.4	2.20	53.9	3.67	47.2	5.11	64.4	51.11
SOUTHWEST																										
BROOKHAVEN	51.2	5.67	53.1	5.27	59.0	6.33	65.7	5.68	73.2	5.12	80.0	4.25	81.6	5.63	81.7	3.50	77.1	3.63	68.1	3.50	51.7	5.63	57.19			
JACKSON WB AIRPORT	48.2	5.09	51.0	5.09	56.8	6.23	64.0	4.82	72.3	4.09	79.9	3.72	82.1	4.61	81.4	3.28	76.7	2.10	66.4	4.05	59.0	4.60	65.4	50.86		
HATCHET	51.5	5.75	51.8	5.00	59.7	6.41	66.4	5.29	73.3	6.54	80.2	3.80	81.9	4.47	82.0	3.59	77.4	2.67	68.1	2.21	57.0	4.52	54.77	66.8	55.82	
PORT GIBSON	49.5	5.93	52.0	5.58	58.2	6.00	64.8	5.96	72.0	7.17	78.9	4.07	81.0	5.24	80.8	3.84	75.6	2.75	65.8	2.32	54.6	4.52	49.6	55.62	66.00	
UTICA	50.6	5.70	52.7																							

FREEZE DATA

STATION	STATION															
	Freeze threshold temperature	Mean date of last Spring occurrence	Mean date of first Fall occurrence	Mean No. of days between dates	Years of record	No. of occurrences in Spring	Years of record	Fall	No. of occurrences in Fall	Mean date of last Spring occurrence	Mean date of first Fall occurrence	Mean No. of days between dates	Years of record	No. of occurrences in Spring	Years of record	Fall
ABERDEEN	32 03-22 28 03-06 24 02-16 20 02-02 16 01-16	11-05 11-17 12-07 12-17 12-24	228 256 294 318 342	30 30 30 30 30 28 30 23 30 15	30 30 30 30 30 25 30 18 30 12	EDINBURG	32 03-29 28 03-09 24 02-23 20 02-02 16 01-18	10-31 11-13 11-30 12-13 12-22	216 249 280 313 338	30 30 29 29 28 28 29 23 28 16	29 29 27 27 28 28 28 21 28 11					
BATESVILLE	32 03-30 28 05-13 24 02-28 20 02-09 16 01-22	10-27 11-11 11-26 12-14 12-22	211 244 272 307 334	30 30 30 30 30 30 30 25 30 21	30 30 30 30 30 29 30 20 30 12	EUPORA	32 03-31 28 03-16 24 02-26 20 02-11 16 01-23	11-03 11-11 11-26 12-11 12-18	217 240 274 304 330	24 24 24 24 24 24 21 21 14 14	24 24 24 24 24 23 24 17 24 13					
BAY ST LOUIS	32 02-24 28 01-29 24 01-13 20 01-07 16 8	12-06 12-20 12-28 12-07 8	285 325 349 8 8	30 29 30 24 30 13 30 7 30 2	30 23 30 16 30 5 30 2 30 0	FOREST	32 03-22 28 03-02 24 02-10 20 01-30 16 01-18	11-10 11-21 12-06 12-17 12-23	233 264 299 321 340	30 30 30 30 30 25 30 22 30 18	30 30 30 28 30 24 30 18 30 10					
BELZONI	32 03-15 28 02-24 24 02-11 20 01-21 16 01-14	11-09 11-25 12-14 12-20 12-27	239 275 306 333 347	20 20 20 20 18 18 12 12 20 8	21 21 20 20 21 14 21 10 21 5	GREENVILLE	32 03-17 28 03-01 24 02-12 20 01-28 16 01-12	11-13 11-26 12-12 12-19 12-23	241 270 304 325 345	30 30 30 30 30 26 30 21 30 13	30 30 30 28 30 23 30 17 30 12					
BILOXI CITY	32 02-21 28 01-29 24 01-13 20 01-05 16 8	12-12 12-20 12-27 12-07 8	294 325 348 8 8	30 28 30 21 30 14 30 8 30 4	30 20 30 15 30 7 30 2 30 0	GREENWOOD CAA AP	32 03-17 28 02-26 24 02-14 20 01-25 16 01-14	11-03 11-22 12-11 12-18 12-26	231 269 300 327 346	30 30 30 30 30 27 30 22 30 15	30 30 30 28 30 23 30 16 30 9					
BOONEVILLE	32 03-26 28 03-13 24 02-23 20 02-12 16 01-25	11-08 11-17 12-04 12-15 12-24	226 249 284 307 333	30 30 30 30 30 29 30 28 30 22	29 29 29 28 29 27 29 20 29 12	HATTIESBURG	32 03-14 28 02-23 24 01-31 20 01-16 16 01-06	11-10 11-30 12-15 12-21 8	242 280 318 339 30	30 30 30 29 30 24 30 16 8	30 30 30 25 30 22 30 12 3 3					
BROOKHAVEN	32 03-19 28 02-26 24 02-09 20 01-19 16 01-07	11-15 12-02 12-17 12-22 8	241 279 311 338 8	30 30 30 29 30 27 30 18 30 10	29 28 29 26 29 18 29 13 29 4	HERNANDO	32 03-26 28 03-11 24 02-24 20 02-10 16 01-28	11-10 11-20 12-06 12-20 12-22	229 254 284 312 328	28 28 27 27 26 27 27 24 27 22	28 28 27 27 25 25 27 15 27 11					
CANTON	32 03-20 28 02-28 24 02-09 20 01-22 16 01-13	11-03 11-23 12-11 12-19 12-26	229 268 305 331 348	28 28 29 29 24 26 18 19 12 12	26 26 25 23 26 19 26 13 26 6	HOLLY SPRINGS 2 N	32 03-29 28 03-17 24 02-27 20 02-13 16 01-29	11-04 11-15 12-01 12-14 12-21	219 243 277 304 327	30 30 30 30 30 30 30 21 30 15	30 30 30 30 30 29 30 29 30 15					
CLARKSDALE	32 03-18 28 02-28 24 02-13 20 01-31 16 01-15	11-09 11-28 12-14 12-19 12-26	236 273 304 322 345	29 29 29 30 27 30 30 23 30 16	30 30 30 29 30 22 30 17 30 9	JACKSON WB AP	32 03-10 28 02-20 24 02-13 20 01-31 16 01-24	11-13 11-25 12-04 12-10 12-17	248 278 294 313 328	30 30 30 25 23 18 18 15 10 7	30 30 30 25 18 18 15 15 7 7					
COLUMBIA	32 03-15 28 02-26 24 02-09 20 01-18 16 01-04	11-09 11-28 12-13 12-23 8	230 275 307 339 30	30 30 30 29 30 27 30 17 7 30	29 29 29 27 29 20 29 10 2 2	KOSCIUSKO	32 03-27 28 03-10 24 02-23 20 02-05 16 01-16	11-06 11-20 12-05 12-17 12-22	225 255 285 314 341	30 30 30 30 30 29 30 14 30 14	30 30 30 28 29 24 29 19 12 12					
COLUMBUS	32 03-24 28 03-08 24 02-18 20 02-04 16 01-17	11-09 11-21 12-08 12-18 12-25	229 258 293 317 342	30 30 30 30 30 28 30 24 30 15	30 30 30 29 30 24 30 17 30 10	LAUREL	32 03-16 28 02-25 24 02-07 20 01-19 16 01-06	11-13 12-03 12-15 12-21 12-27	242 281 311 336 355	30 30 30 28 30 25 30 17 9 30	30 30 30 25 30 20 30 14 6 6					
CORINTH	32 03-28 28 03-12 24 02-24 20 02-13 16 01-28	11-05 11-20 12-02 12-18 12-24	223 253 281 308 330	29 29 29 30 29 30 27 30 23 30	30 30 30 30 30 29 30 18 30 12	LEAKESVILLE	32 03-17 28 02-26 24 02-02 20 01-20 16 01-07	11-09 11-30 12-13 12-21 12-29	237 277 314 336 356	28 28 28 28 26 23 17 29 9 29	29 29 29 25 29 20 11 11 5 5					
CRYSTAL SPRINGS	32 03-16 28 02-28 24 02-12 20 01-19 16 01-09	11-19 12-06 12-18 12-22 12-28	249 281 309 336 353	30 30 30 30 30 26 30 17 30 12	30 29 30 27 30 20 30 13 7	LOUISVILLE	32 03-24 28 03-07 24 02-19 20 02-06 16 01-19	11-10 11-27 12-08 12-18 12-25	231 265 292 315 340	30 30 30 30 30 29 30 16 16	30 30 30 29 29 24 29 18 11 11					
DUCK HILL	32 03-28 28 03-15 24 02-23 20 02-08 16 01-20	10-29 11-07 11-27 12-16 12-21	214 238 277 311 335	30 30 30 30 30 30 30 18 30 18	30 30 30 30 30 28 30 18 30 13	MACON 2 NE	32 03-22 28 03-04 24 02-15 20 01-30 16 01-17	11-08 11-21 12-09 12-18 12-25	231 262 297 322 342	30 30 30 30 30 28 30 22 30 15	30 30 30 30 30 29 30 15 30 10					

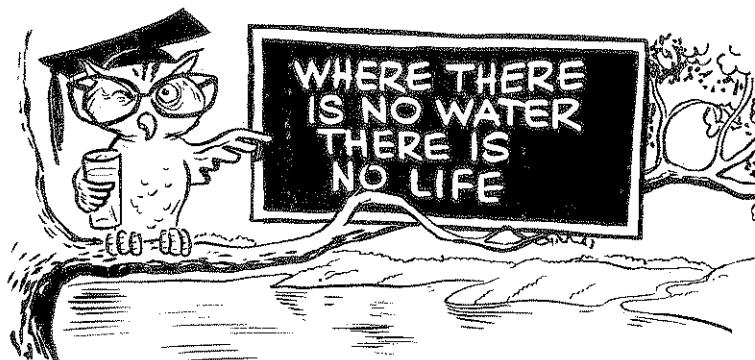
FREEZE DATA

STATION	Freeze threshold temperature	Years of record										STATION	Freeze threshold temperature	Years of record									
		Mean date of last Spring occurrence	Mean date of first Fall occurrence	Mean No. of days between dates	Years of record Spring	No. of occurrences in Spring	Years of record Fall	No. of occurrences in Fall	Mean date of last Spring occurrence	Mean date of first Fall occurrence	Mean No. of days between dates			Years of record Spring	No. of occurrences in Spring	Years of record Fall	No. of occurrences in Fall	Years of record Spring	No. of occurrences in Spring	Years of record Fall	No. of occurrences in Fall		
MAGNOLIA	32	03-18	11-12	239	30	30	30	30	SCOTT	32	03-18	11-07	234	30	30	30	30	30	30	30	30		
	28	02-23	12-05	284	30	28	30	24		28	03-03	11-24	267	30	30	30	30	30	30	30	30		
	24	02-03	12-16	316	30	25	30	19		24	02-14	12-09	298	30	27	30	24	30	27	30	24		
	20	01-15	12-24	343	30	16	30	10		20	01-29	12-18	323	30	23	30	17	30	23	30	17		
	16	01-07	#	30	10	30	30	3		16	01-15	12-25	345	30	14	30	10	30	14	30	10		
MERIDIAN WB AP	32	03-13	11-14	246	30	30	30	30	SHURUTA	32	03-21	11-05	230	27	27	27	26	27	27	26	26		
	28	02-25	12-02	281	30	30	30	26		28	03-05	11-22	262	27	27	26	24	28	27	26	24		
	24	02-06	12-16	313	30	24	30	20		24	02-12	12-04	295	28	26	26	21	28	26	26	21		
	20	01-22	12-22	334	30	19	30	13		20	01-20	12-15	329	27	17	27	17	28	17	27	17		
	16	01-11	12-28	351	30	14	30	5		16	01-06	12-26	355	28	7	26	7	28	7	26	7		
MONTICELLO	32	03-21	11-04	228	30	30	30	30	STATE COLLEGE	32	03-21	11-09	233	30	30	30	30	30	30	30	30		
	28	02-27	11-23	269	30	29	30	28		28	03-04	11-26	266	30	29	30	29	30	30	29	29		
	24	02-12	12-10	301	30	28	30	22		24	02-17	12-11	297	30	28	30	25	30	28	30	25		
	20	01-20	12-18	332	30	17	30	15		20	02-06	12-20	316	30	25	30	16	30	25	30	16		
	16	01-06	12-28	356	30	9	30	6		16	01-16	12-25	342	30	15	30	11	30	15	30	11		
MOORHEAD	22	03-19	11-03	229	28	28	30	30	STONEVILLE EXP STA	22	03-20	11-04	229	20	20	20	20	20	20	20	20		
	28	03-02	11-20	263	28	28	30	28		28	03-07	11-16	255	20	20	20	20	20	20	20	19		
	24	02-15	12-06	294	28	26	30	25		24	02-13	12-07	297	20	18	20	18	20	18	20	18		
	20	01-30	12-17	321	28	22	30	19		20	01-26	12-19	327	20	13	20	9	20	13	20	9		
	16	01-14	12-25	345	28	13	30	12		16	01-16	12-26	344	20	10	20	5	20	10	20	5		
NATCHEZ	32	03-12	11-17	249	29	29	30	29	TUNICA	32	03-22	11-05	227	17	17	15	15	15	15	15	15		
	28	02-21	12-04	286	29	28	30	26		28	03-09	11-21	257	17	17	15	14	17	16	14	14		
	24	02-01	12-16	318	29	21	30	20		24	02-18	12-06	291	17	16	14	14	16	14	14	12		
	20	01-16	12-23	341	29	14	30	13		20	02-05	12-20	318	17	14	14	9	14	14	9	6		
	16	01-06	12-29	357	29	8	30	5		16	01-18	12-25	342	17	9	14	6	14	9	14	6		
PEARLINTON	32	03-04	11-28	269	28	28	25	22	TUPELO	32	03-26	11-11	230	30	30	30	30	30	30	30	30		
	28	02-12	12-15	307	28	25	25	16		28	03-09	11-18	254	30	29	30	30	30	29	30	30		
	24	01-22	12-22	335	28	17	25	10		24	02-19	12-06	291	30	28	30	25	30	28	30	25		
	20	01-12	12-28	350	28	11	25	5		20	02-08	12-18	313	30	26	30	17	30	26	30	17		
	16	01-05	#	28	6	25	0	16	01-19	12-24	339	30	18	30	12	30	18	30	12	12			
PONTOTOC	32	03-27	11-05	223	30	30	30	30	TYLER TOWN	32	03-07	11-16	254	10	10	10	10	10	10	10	10		
	28	03-13	11-18	253	30	30	30	29		28	03-15	12-05	293	10	9	10	9	10	9	10	9		
	24	02-24	12-03	282	30	29	30	28		24	01-18	12-18	335	9	6	10	5	10	6	10	5		
	20	02-11	12-15	307	30	28	30	20		20	01-06	12-22	349	9	3	10	4	10	3	10	4		
	16	01-27	12-22	329	30	22	30	15		16	01-04	#	9	2	10	1	10	2	10	1	10		
POPLARVILLE EXP STA	32	03-06	12-02	272	30	30	30	26	UNIVERSITY	32	03-28	11-07	224	30	30	30	30	30	30	30	30		
	28	02-16	12-14	301	30	28	30	21		28	03-10	11-22	258	30	30	30	30	30	30	30	29		
	24	02-21	12-21	332	30	18	30	13		24	02-24	12-06	285	29	28	30	28	29	28	30	28		
	20	01-10	12-27	351	30	11	30	6		20	02-10	12-17	309	29	25	30	20	30	25	30	20		
	16	01-05	#	30	8	30	2	16	01-30	12-21	325	29	21	30	14	30	21	30	14	14			
PORT GIBSON	32	03-26	11-03	223	30	30	30	30	UTICA	32	03-21	11-08	233	30	30	29	29	29	29	29	29		
	28	03-10	11-18	253	30	30	30	29		28	02-28	11-27	272	30	30	29	29	28	29	28	28		
	24	02-21	12-04	286	30	28	30	24		24	02-12	12-12	303	30	27	29	22	30	27	29	22		
	20	01-29	12-17	322	30	22	30	19		20	01-26	12-19	327	30	21	29	19	30	21	29	19		
	16	01-16	12-26	343	30	16	30	9		16	01-10	12-25	349	29	12	29	10	30	12	29	10		
ROLLING FORK	32	03-18	11-02	226	16	16	17	17	WATER VALLEY	32	03-27	11-05	223	30	30	30	30	30	30	30	30		
	28	03-03	11-28	269	15	15	16	15		28	03-15	11-16	246	30	30	30	30	30	30	30	29		
	24	02-14	12-08	297	15	13	16	14		24	02-24	12-01	279	30	30	30	30	30	30	30	27		
	20	01-19	12-20	335	15	11	16	9		20	02-09	12-16	310	30	27	30	20	30	27	30	20		
	16	01-08	12-25	352	15	6	16	7		16	01-24	12-21	331	30	20	30	14	30	20	30	14		
ROSEDALE	32	03-23	11-09	231	18	18	18	18	WAYNESBORO JE	32	03-24	11-09	230	29	29	29	29	29	29	29	28		
	28	03-07	11-24	262	18	18	18	17		28	03-02	11-22	265	29	28	29	27	29	27	28	27		
	24	02-16	12-08	296	18	16	18	16		24	02-12	12-08	300	29	26	29	21	29	21	29	21		
	20	02-01	12-18	320	18	14	16	12		20	01-19	12-19	334	28	16	29	14	29	16	29	14		
	16	01-20	12-23	337	18	13	18	8		16	01-08	12-27	353	28	11	28	7	24	11	28	7		
WIGGINS FRUITLAND PK	32	03-07	11-20	258	26	26	26	25	WOODVILLE	32	03-07	11-20	258	26	26	26	25	26	26	25	25		
	28	02-22	12-07	288	26	25	26	25		28	02-22	12-07	288	26	25	26	25	26	25	26	25		
	24	01-31	12-14	317	25	25	26	25		24	01-31	12-14	317	25	20	25	24	25	20	25	24		
	20	01-17	12-22	339	24	24	24	24		20	01-17	12-22	339	24	14	25	9</td						

An example of what this freeze data means is:

At Scott a temperature of 32° or less occurs, on the average, the 18th of March for the last time in the Spring and the 7th of November for the first time in the Fall. There are 234 freeze free days between these dates. Records were kept for 30 years in the Spring and in all 30 of these years temperatures of 32° or less were recorded. Records were also kept for 30 years in the Fall and in all 30 years temperatures below 32° were recorded during the Fall.

A temperature of 16° or below occurs on the average for the last time in the Spring on the 15th of January during years in which the temperature gets this low and for the first time in the Fall on the 25th of December. There are 345 days between these dates. During the 30 years 1921-1950 there occurred temperatures of 16° or below 14 years in the spring and 10 years in the Fall, during the other years the temperature did not get this low.



TEMPERATURE EXTREMES AND FREEZE DATA

MISSISSIPPI
1962

Station	Highest	Last spring minimum of										First fall minimum of										Number of days between dates							
		16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below		20° or below		24° or below		28° or below	
		Date	Lowest	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.
ABERDEEN	102	8-19+	- 3	1-11	7	2- 7	20	2- 7	20	3-17	26	4- 3	31	10-24	31	10-26	28	11- 6	24	12-12	6	12-12	6	333	308	272	222	101	
BARLOW 6 SE	102	8-12+	3	12-13*	1-13	12	1-13	12	3- 7	27	4- 6	32	11- 1	31	11-10	27	12- 6	24	12-10	12	333	331	305	246	109				
BATESVILLE	98	8-19+	- 4	1-12	1-13	14	1-16	20	3- 7	23	4- 3	28	4-16	24	10-25	31	10-27	28	11- 6	24	12-11	4	333	329	246	231	102		
BAY SAINT LOUIS	99	8- 9+	10	1-12+	1-13	13	1-13	13	1-14	22	1-14	24	3- 7	32	12- 6	32	12-10	27	12-12	20	12-12	12	334	333	332	330	274		
BAY SPRINGS	101	7- 9	3	1-12	1-13	10	1-13	10	2- 7	23	4- 3	32	12- 6	32	10	2- 7	27	12-10	24	12-12	13	333	333	306	275	247			
BELZONI	100	7-21+	- 1	1-12	1-13	8	1-14	21	3- 7	28	4- 3	31	11- 1	32	11-10	26	12-12	11	12-12	11	333	333	322	248	212				
BILOXI CITY	102	7- 9	9	12-13	1-12	13	1-13	19	1-13	19	1-13	19	3- 6	30	12- 6	12	12-12	16	12-12	16	12-13	9	336	333	333	333	261		
BOONEVILLE	-	- 4	1-12	1-13	2	1-7	19	3- 6	23	3-17	26	3-16	31	10-24	31	11-10	27	12-12	20	12-12	14	333	306	276	238	191			
BROOKHAVEN	99	7-25	5	1-11	1-13	13	1-13	13	1-13	13	3- 6	27	3- 7	32	11-10	32	12-10	25	12-12	14	12-12	14	333	333	279	248	246		
CALHOUN CITY	100	8-19	- 8	1-10	1-13	1	2- 7	19	3- 7	23	4- 3	26	10-29	29	10-26	28	11- 6	24	12-12	5	12-12	5	333	306	244	206	191		
CANTON	101	8-19+	- 5	1-12	1-14	11	1-14	11	2- 8	24	3-16	28	4-17	32	10-26	30	11-10	26	12-10	20	12-11	12	331	330	305	239	192		
CARTHAGE	104	7-24+	- 5	1-12	1-13	3	1-13	3	3- 7	24	3-17	28	4-16	32	10-26	32	12- 7	25	12-10	21	12-12	9	333	333	278	265	193		
CHARLESTON	102	8-20	- 7	1-12	1-13	2	1-7	20	3- 6	20	3-16	27	3-16	30	10-24	31	11-10	25	12-10	23	12-12	6	333	309	278	248	199		
CLARKSDALE	101	8-20+	0	1-14	1-14	16	1-14	16	2- 7	24	3- 7	27	3-17	32	11- 9	31	12-10	26	12-12	5	12-12	5	332	332	308	278	237		
CLEVELAND	103	7-13	- 6	1-13	10	2- 7	20	3- 7	23	4-16	27	4-16	31	10-21	30	11- 4	28	12-10	23	12-12	8	333	306	248	202	199			
COLLINS	100	7-21+	4	1-21	1-13	8	1-13	8	3- 7	24	3-17	28	4- 3	31	11-10	30	12- 7	27	12-10	20	12-12	15	333	331	278	265	221		
COLUMBIA	100	7-21	6	12-13	1-13	11	1-13	11	3- 6	24	3- 7	27	4- 3	32	11-10	31	12- 7	28	12-10	22	12-12	16	333	333	279	246	217		
COLUMBUS	101	7-24	0	1-11	1-13	5	1-14	18	2- 8	22	9- 7	27	4- 3	30	10-25	31	10-26	28	12- 7	24	12-12	7	333	332	302	233	205		
CORINTH	101	8-19+	- 5	1-12	1-13	13	1-13	13	2- 7	20	2- 7	20	3-17	26	10-24	32	12- 6	28	12-10	17	12-10	17	333	306	306	264	191		
CRYSTAL SPRINGS 4 NNE	100	8-18+	- 2	1-12	1-13	4	1-13	4	3- 7	24	3- 7	24	4- 3	30	10-26	32	12- 7	28	12-10	21	12-12	13	333	333	278	275	206		
DECATUR	103	7-23+	1	1-12	1-13	6	1-13	6	2- 7	22	3- 7	22	4- 3	31	10-26	32	12- 7	27	12-10	23	12-12	9	333	333	306	275	207		
DLO	102	7-14	- 4	1-11	1-14	14	1-14	14	3- 6	23	3-16	28	4-16	31	10-26	31	11-10	26	12-10	20	12-12	15	333	331	278	265	221		
EDINBURG	100	7-23	- 4	1-12	1-13	2	1-3	2	3- 6	20	3- 7	22	4- 3	27	10-26	32	11- 6	27	12-10	16	12-12	16	331	309	275	217	193		
EUPORA	100	8-19+	- 7	1-12	1-13	2	1-7	19	3- 7	24	4- 3	26	4-16	29	10-24	32	12- 6	28	12-10	22	12-12	5	333	306	248	202	189		
FOREST	100	7-24	- 10	1-14	1-14	10	1-14	10	2- 8	22	3-17	28	4- 3	31	10-26	31	12- 7	27	12-10	23	12-12	11	332	332	305	265	193		
FULTON 3 W	99	8-29+	- 8	1-12	1-13	7	1-7	18	3- 6	24	4-16	28	4-16	32	10-24	31	10-26	26	11- 6	24	12-10	14	331	306	245	193	191		
GREENVILLE	99	8-20+	0	1-12	1-14	11	1-14	11	2- 7	23	3- 7	27	4- 3	32	11- 6	29	12- 6	26	12-10	10	12-12	10	332	332	308	278	247		
GREENWOOD FAA AIRPORT	101	7-13	- 1	1-12	1-13	8	1-13	8	1-13	8	3- 6	27	3- 6	32	11-10	31	12- 7	29	12-10	27	12-12	11	333	332	322	279	248		
GRENADA	100	8-18+	- 5	1-12	1-13	6	2- 7	20	2- 7	20	3- 7	28	4- 3	29	11- 1	31	11- 6	28	12-11	21	12-12	8	333	308	307	244	212		
GULFPORT NAVAL CENTER	100	8-18+	- 8	1-12	1-13	12	1-13	12	3- 6	28	3- 6	32	10-24	30	12- 7	28	12-10	28	12-12	19	12-13	10	335	333	279	274	274		
HATTIESBURG	100	7-25+	7	12-13	1-13	13	1-13	13	3- 6	26	3-17	32	11-10	30	12- 7	28	12-10	23	12-12	16	333	333	331	276	238				
HERNANDO	99	8-21+	- 4	1-10	1-14	12	1-14	12	2- 7	22	3- 7	26	4- 3	32	11- 5	32	12- 6	28	12-10	24	12-12	5	332	332	308	278	203		
HICKORY FLAT 1 WNW	102	8-19	- 10	1-12	1-13	5	1-12	5	2- 7	20	3- 7	24	4-16	28	10-24	30	11- 6	26	12-10	16	12-12	16	331	306	248	204	191		
HOLLY SPRINGS 4 N	99	8-20-	- 5	1-11	1-13	10	1-13	10	2- 7	20	3- 7	28	4- 3	26	10-24	30	11- 6	27	12-10	28	12-12	3	334	334	321	274	204		
HOUSTON 2 NE	96	8-20+	- 7	1-12	1-14	11	1-14	11	2- 7	20	3- 7	27	4- 3	26	10-24	30	11- 6	27	12-10	27	12-12	17	331	331	321	274	204		
INDEPENDENCE 3 N	97	7-7+	- 5	1-11	1-14	14	2- 7	20	2- 8	24	4-16	28	4-16	32	10-24	32	11-10	24	12-12	4	12-12	4	332	308	275	208	191		
JACKSON WB AIRPORT	99	8-18+	- 1	1-12	1-13	9	1-13	9	1-13	9	3- 7	28	3- 7	32	10-24	30	12- 6	28	12-10	24	12-12	19	332	332	321	278	248		
KIPLING	100	9- 2+	- 4	1-12	1-13	1	1-13	1	3- 6	24	4- 3	28	4-16	30	10-26	30	11- 6	26	12-10	28	12-12	9	333	330	276	206	193		
KOSCIUSKO	100	7-14	- 3	1-12	1-14	6	1-14	6	3- 6	23	3- 8	25	4- 3	32	10-16	30	11- 6	28	12-10	27	12-12	3	334	334	327	275	204		
LAUREL	99	8- 9+	7	1-12	1-14	16	1-14	16	3- 7	28	3- 7	32	10-26	32	12- 6	26	12-10	26	12-12	16	12-12	16	332	332	328	278	265		
LEXINGTON 2 NW	100	8-19+	- 6	1-12	1-13	12	1-13	12	3- 6	23	3-16	28	4- 2	31	11- 1	32	12- 9	28	12-10	22	12-12	16	333	333	321	276	213		
MADSVILLE	100	8-11+	6	12-13	1-13	12	1-13	12	3- 6	23	3-16	28	4- 2	31	11- 1	32	12- 9	28	12-10	22	12-12	16	333	333	321	276	213		
MERIDIAN WB AIRPORT	101	7-23+	5	1-12	1-13	11	1-14	11	2- 7	20	3- 7	26	4- 3																

TEMPERATURE EXTREMES AND FREEZE DATA

MISSISSIPPI
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Station	Highest	Date	Lowest	Date	Last spring minimum of						First fall minimum of						Number of days between dates												
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below								
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
UPPER DELTA 01																													
CHARLESTON	104	6-15	- 4	12-24	2-23	16	2-27	18	2-27	18	3-22	28	3-23	31	10-30	28	10-30	26	11-14	22	12-15	13	295	291	260	222	221		
CLARKSDALE	101	6-15	2	1-24	2-23	15	2-23	15	3- 9	22	3- 9	22	3- 9	22	11-14	30	12-14	27	12-15	18	12-23	16	303	295	281	260	250		
CLEVELAND	101	6-15+	3	1-24	2-22	11	2-22	11	2-27	23	3-22	26	3-23	30	10-30	31	11-13	27	11-30	24	12-15	14	296	276	236	221	221		
ROSEDALE	99	7- 5+	- 4	12-24	2-22	13	2-23	17	2-27	22	2-26	28	3-22	32	11-2	30	11-13	27	12-15	15	12-15	15	296	295	291	258	225		
SCOTT	101	6-15	- 4	12-24	2-23	16	2-27	24	2-28	26	3- 6	32	10-30	90	11-14	28	12-15	19	12-15	19	12-23	16	303	295	291	259	238		
TUNICA 2	99	8-29	-10	12-24	2-23	14	2-27	21	2-28	26	3-22	31	10-30	29	11- 2	27	11-15	23	12-15	15	12-15	15	295	295	261	247	222		
NORTH CENTRAL 02																													
BATESVILLE 2 SW																													
CALMOUN CITY	100	6-14	-11	12-24	-	2-27	15	2-27	15	3-22	24	3-23	27	3-26	31	10-29	30	10-30	26	11-14	19	12-15	12	-	-	237	221	217	
GRENADE	101	6-14	2	1-24	2-22	12	2-27	17	2-27	17	3-22	27	3-23	31	10-30	28	11-14	22	12-15	13	12-15	14	291	277	248	222	220		
HERMANDO	99	6-15	0	1-24	2-23	14	2-27	20	2-28	26	3- 6	32	11-13	31	11-14	26	12-14	20	12-14	19	12-15	14	290	259	252	221	217		
HICKORY FLAT 1 HNW	98	6-14	-11	12-24	2-27	12	3-22	24	3-22	24	3-27	32	10-30	28	10-30	28	11- 3	22	11-14	14	11-14	14	260	226	221	217	217		
HOLLY SPRINGS 4 N	95	8-29+	-12	12-24	2-27	15	2-28	18	2-28	18	3-23	27	3-24	31	10-30	27	10-30	27	11- 3	23	11-14	19	12-15	11	291	259	248	221	220
INDEPENDENCE 3 N	96	8-29	-4	12-24	2-23	8	2-28	19	2-28	19	3-22	28	3-22	28	10-30	30	11- 2	27	11-14	14	12-15	14	295	290	265	222	222		
UNIVERSITY	98	6-15	-10	12-24	2-27	13	2-27	13	3-22	23	3-22	23	3-27	31	10-29	28	10-29	28	11-13	24	11-14	19	12-15	11	291	260	231	216	216
WATER VALLEY	100	6-14	- 3	12-24	2-27	14	2-27	14	-	-	-	-	-	-	10-30	31	11-14	22	11-14	22	12-15	11	291	291	-	-	-		
NORTHEAST 03																													
BOONEVILLE	97	8- 6+	3	1-24	2-24+	2-27	13	2-27	13	2-28	23	3- 2	28	3-23	32	10-30	31	11- 3	27	-	-	-	-	-	-	246	221	221	
CORINTH	99	8-11+	1	12-24	2-25	15	2-27	15	2-27	15	3-23	32	10-30	31	11- 2	28	11-15	24	12-15	15	12-15	15	291	291	261	248	221		
FULTON 3 W	98	6-14+	- 3	1-24	2-27	11	2-27	11	3-23	28	3-23	28	10-30	26	11- 2	24	12-14	19	-	-	-	-	-	-	248	221	221		
PONTOTOC	97	6-14+	2	1-24	2-27	13	2-27	13	2-28	23	3-22	27	10-30	30	11-14	24	11-14	25	12-15	11	12-15	11	291	260	237	222	222		
PONTOTOC EXP STA	98	6-14	- 2	1-24	2-27	15	2-27	15	2-28	23	3-22	28	10-30	32	11- 2	27	11-14	23	12-15	12	12-15	12	291	291	260	225	222		
RIPLEY	96	6-13+	- 4	1-24	2-27	12	2-27	12	2-27	12	3-22	27	3-23	29	10-30	29	11- 2	25	11- 3	23	11-14	13	291	260	249	225	221		
TUPELO	97	6-14	- 2	1-24	2-28	8	2-27	18	2-28	18	3- 2	28	3-22	28	10-30	28	11- 2	26	12-14	19	12-15	14	295	290	237	225	221		
TUPELO 2 WSW	100	6-14+	- 1	1-24	2-27	13	2-27	13	2-27	13	2-27	13	2-27	13	10-30	30	11- 2	27	11-14	21	12-15	13	291	277	260	248	245		
LOWER DELTA 04																													
BELZONI	104	6-14	2	12-24	2-22	16	2-22	16	2-27	24	2-27	24	3-22	29	10-30	30	12-15	27	12-19	24	12-24	20	NONE	305	295	291	222	222	
GREENVILLE	100	7- 5	3	1-24	2-22	14	2-23	20	2-27	23	3-22	32	11-14	32	12- 1	28	12-15	18	12-19	11	300	295	291	277	237				
GREENWOOD FAA AIRPORT	101	6-15	5	1-24	2-22	16	2-22	16	2-27	26	2-27	25	2-27	25	11- 2	32	11- 2	24	12-14	26	12-15	19	304	296	295	260	248		
MINTER CITY	102	6-15	2	1-25	2-22	14	2-23	18	2-28	21	3-22	21	3- 3	32	10-30	32	11-14	27	12-15	18	12-15	18	300	295	290	259	241		
MOORHEAD	102	6-14	2	1-24	2-22	14	2-22	14	2-26	24	2-26	24	3-22	29	10-30	30	11- 2	28	11-14	23	12-15	14	296	296	261	249	222		
NITTA YUMA	102	6-15+	4	1-24	2-29	16	2-22	18	2-23	22	3-27	25	3-22	30	10-30	32	11- 2	25	12-15	19	12-15	19	295	290	260	222	222		
ONWARD	100	6-15	2	1-24	2-25	15	2-23	20	3-22	27	3-23	31	10-30	32	11- 2	26	12-14	22	12-15	14	12-15	14	296	295	264	222	221		
STONEVILLE EXP STA	102	6-15	4	1-24	2-22	15	2-23	19	2-23	19	2-27	25	3-22	32	11- 3	32	12- 1	28	12-15	19	12-23	16	304	295	295	277	226		
YAZOO CITY 5 NNE	101	6-14	5	1-24	2-28	12	2-22	17	2-27	21	2-27	21	3-23	31	10-30	29	11- 2	28	11-14	22	12-15	19	12-17	16	323	296	264	248	221
CENTRAL 05																													
CANTON	103	6-16	4	1-24	2-23	16	2-23	16	2-27	24	2-28	25	3-23	31	10-30	28	10-30	28	11-14	21	12-15	18	12-19	16	299	295	260	244	221
CARTHAGE	104	6-14	3	1-24	2-22	13	2-27	19	3-22	28	3-23	29	10-30	27	10-30	27	11- 2	26	12-14	20	12-17	15	296	260	222	211	211		
EDINBURG	98	9-10	1	1-24	2-27	16	2-27	16	2-27	16	3-23	27	3-23	27	10-30	27	10-30	27	11- 2	26	12-14	20	12-15	15	291	260	220	211	211
EUPORA	-	-	1	1-24	2-27	15	2-27	15	2-27	15	3-22	27	3-23	29	10-30	27	10-30	27	11- 2	26	12-14	20	12-15	15	297	299	249	225	224
FOREST	101	6-16+	2	1-25	2-23	15	2-28	20	2-28	20	3-23	31	10-30	29	11-14	21	12-15	16	12-15	16	295	299	259	220	220				
JACKSON WB THOMP FLD																													
KOSCUSKO	101	6-15	1	1-24	2-23	14	2-27	19	2-28	23	3-23	31	10-30	31	11- 2	27	11-14	22	12-15	14	12-15	14	295	291	268	221	221		
LEXINGTON 2 NWN	102	6-15	1	1-24	2-20	12	2-27	19	2-27	19	3-22	26	3-23	29	10-30	29	11- 2	28	10-30	28	11-14	20	12-15	15	296	260	222	211	211
PELAHATCHIE	103	6-14	4	1-24	2-22	16	2-27	20	2-27	20	3-22	28	3-23	29	10-30	24	10-30	24	10-30	24	11-14	18	12-16	15	297	260	245	222	221
PICKENS	102	6-15+	5	1-24	2-22	16	2-22	16	2-2																				

TEMPERATURE EXTREMES AND FREEZE DATA

MISSISSIPPI
1963

Station	Last spring minimum of										First fall minimum of										Number of days between dates							
	16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below									
	Highest	Date	Lowest	Date	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	16° or below	20° or below	24° or below	32° or below				
NEWTON EXP STATION	103	6-14	3	1-24	2-22	15	2-27	16	2-27	18	2-27	19	2-23	20	10-30	24	10-30	24	11-14	20	12-17	14	298	260	245	221		
QUITMAN 1 N	105	6-15	4	1-24	2-27	15	2-27	15	2-27	15	3-23	27	3-23	27	10-30	26	10-30	26	11-13	23	12-17	14	293	260	259	221		
RICHTON 3 SSE	105	6-15	5	1-24	1-26	9	2-27	17	2-28	24	3-23	28	3-24	31	10-30	25	10-30	25	11-14	17	11-14	17	325	260	259	221		
RUSSELL 2 WNW	102	6-15	1	1-24	2-27	16	2-27	16	2-27	16	2-28	25	3-22	31	10-30	25	11-14	23	11-14	23	12-15	16	291	260	259	222		
STATE LINE	102	6-15	5	1-25+	2-12	16	2-27	18	2-28	21	2-28	21	3-23	32	10-30	30	11-14	25	11-15	24	12-19	18	315	295	260	259		
WAYNESBORO 2 W	103	6-14	4	1-24	2-22	16	2-27	17	2-27	17	2-27	17	3-23	29	10-30	24	10-30	24	11-14	17	12-17	14	298	260	245	221		
COASTAL 10																												
BAY SAINT LOUIS	99	8-27	10	1-25+	1-25	10	1-26	20	1-26	20	2-23	28	3-6	32	12-15	26	12-15	26	12-23	23	12-24	20	NONE	332	331	295	284	
BILOXI CITY	97	6-9	10	1-24	1-25	16	1-25	16	1-25	16	2-22	27	2-27	29	12-15	26	12-15	26	12-23	23	12-24	20	NONE	333	322	296	291	
GULFPORT NAVAL CENTER	97	6-9	9	1-24	1-24	9	1-25	17	1-25	17	2-27	27	2-27	27	11-14	30	12-15	26	12-23	23	12-24	20	NONE	333	332	291	260	
MERRILL	108	6-15	6	1-24	1-26	11	1-28	20	2-28	20	3-23	28	3-23	28	10-30	26	10-30	26	11-14	19	11-14	19	12-17	16	325	259	221	221
PASCAGOULA JR HIGH SCH	-	10	1-25+	1-25	10	1-26	18	1-26	18	2-28	28	2-28	28	12-25	20	12-25	20	12-25	20	-	-	333	333	-	-			
PEARLINGTON 2 NNE	98	6-12	9	1-24	1-25	14	1-25	14	1-27	24	2-27	24	3-22	30	-	-	12-15	25	12-17	23	12-24	18	-	-	333	293	291	-
PICAYUNE	100	6-14+	10	1-24	1-24	10	1-25	17	1-25	17	2-27	27	2-27	27	11-3	32	11-14	28	12-23	22	12-24	18	NONE	333	332	260	249	
POPLARVILLE EXP STA	103	6-14	7	1-24	1-25	13	2-22	22	2-27	26	2-27	26	11-14	31	12-15	22	12-15	22	12-23	20	12-24	15	333	322	296	291		
SAUCIER EXP FOREST	101	6-14	8	1-24	1-25	14	1-25	14	2-27	24	2-27	24	11-14	30	12-15	24	12-15	24	12-24	17	NONE	-	333	291	291	260		
WIGGINS 4 SE	104	6-15	7	1-24	1-26	13	2-27	20	2-28	22	2-28	22	3-24	31	10-30	29	11-2	28	11-14	24	12-24	16	332	300	259	247		

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

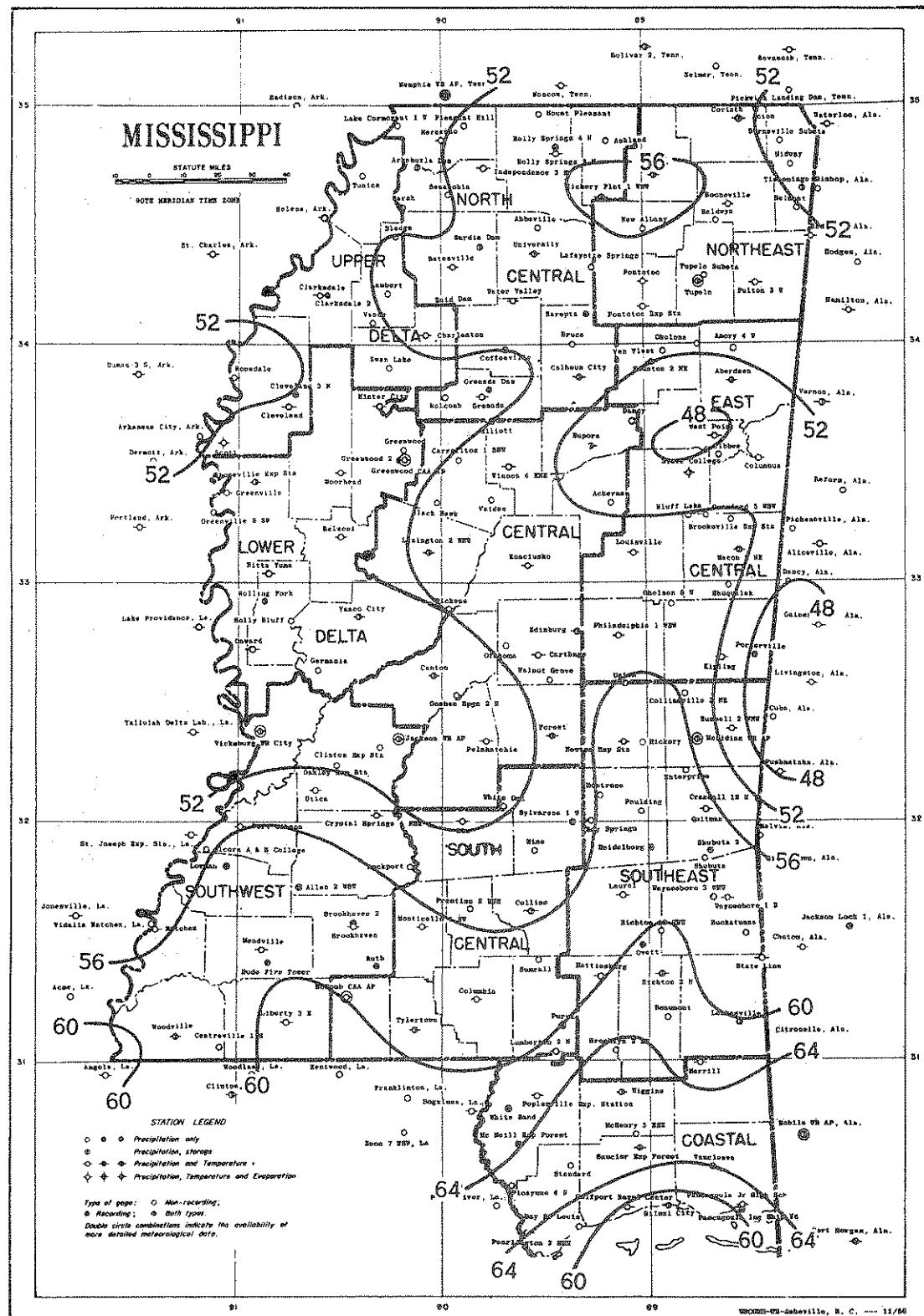
Station	Jan.	Feb.	Mar.	Apx.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
UPPER DELTA 01													
SCOTT	EVAP DEP WIND	1696	2088	B 5.53	6.44	8.47	B 8.96	B 7.58	B 7.25	5.12	5.03	B 3.04	-
TUNICA 2	EVAP DEP WIND	-	-	-	-	-	-	602	473	838	564	1243	-
EAST CENTRAL 06	EVAP DEP WIND	8 1.19	2.64	5.99	B 6.48	B 8.13	B 8.19	B 7.81	7.29	5.68	5.47	3.19	-
STATE UNIVERSITY	EVAP DEP WIND	1491	- .69	1.32	.54	.81	.36	- .29	-.64	-.26	1.44	.33	B 1.66
		1771	2082	1374	1134	670	809	614	908	628	1298	1324	64.97
													14103

SOIL TEMPERATURES

Station and Depth	January	February	March	April	May	June	July	August	September	October	November	December	Annual
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average
STATE UNIVERSITY													
2 INCHES	41.5	59/30	43.7	58/33	58.1	74/40	70.9	96/52	78.3	97/51	85.2	107/66	83.6
4 INCHES	42.3	59/30	44.4	57/35	59.1	74/42	71.1	92/55	78.8	94/55	84.5	100/70	84.2
8 INCHES	44.2	58/36	44.8	54/38	57.2	66/45	68.0	80/56	75.1	84/60	81.0	90/72	81.4
16 INCHES	45.7	53/39	45.4	49/42	56.1	63/46	66.4	79/60	78.9	78/65	79.3	83/75	81.3

MONTHLY AVERAGES ARE OBTAINED BY TAKING THE AVERAGE OF MAX AND MIN VALUES.
SLOPE OF GROUND: 8 PERCENT TOWARDS SOUTH. SOIL TYPE: CLAY. GROUND COVER: BARE. INSTRUMENTATION: TAYLOR TEMPERATURE RECORDER 75J AND 76J SERIES,
TWO PEN, MERCURY-IN-STEEL.

Mean Annual Precipitation, Inches



Based on period 1931-55

Isolines are drawn through points of approximately equal value. Caution should be used in interpolating on these maps.

MISSISSIPPI: COTTON, Condition and Seasonal Development During 1962

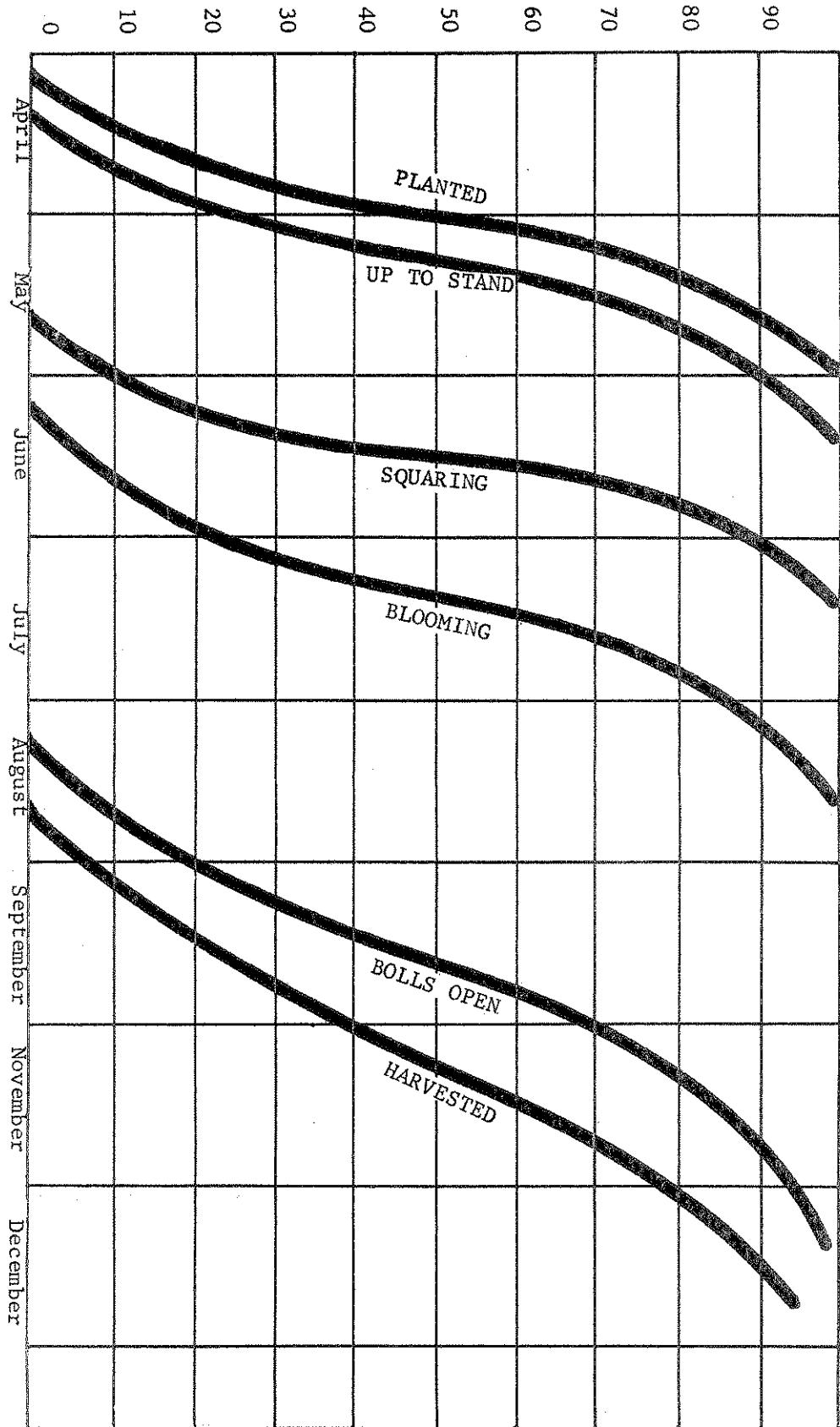
Week Ending	Condition of Crop					Seasonal Developments					Boll weevil Infest
	Poor	Fair	Good	Very Good	Ex-cellent	Plant-ed	"Up to stand"	Square-ing	Small bolls	Bolls open	Harvest-ed
	"Percent of all Reports"					Percent of total crop to or past designated stage					
Apr. 7											
Apr. 14						0.7					
Apr. 21						5.5					
Apr. 28						31.6	3.6				
May 5	5.3	44.7	39.5	10.5		60.6	25.3				
May 12	1.6	29.7	65.5	3.1		87.9	59.5				
May 19	1.7	25.4	61.0	11.9		95.4	79.1				
May 26	6.8	40.7	44.0	6.8	1.7	97.7	83.7	3.0			
June 2	3.9	36.5	50.0	9.6		100.0	95.0	15.7			1.9
June 9	1.6	41.0	44.3	11.5	1.6		98.0	33.4			8.1
June 16	7.5	70.0	7.5	12.5	2.5		100.0	58.3	2.0		8.4
June 23	3.2	40.3	43.6	12.9			69.2	12.8			19.9
June 30	1.6	29.7	53.1	15.6			85.0	31.3			12.3
July 7		26.2	62.3	11.5			90.0	38.2			11.3
July 14		35.3	51.0	13.7			98.0	75.0			16.0
July 21		41.0	52.4	6.6			100.0	84.8			12.3
July 28	1.8	36.8	56.1	5.3			89.1				9.9
Aug. 4	2.9	36.8	52.9	7.4			98.1				15.2
Aug. 11	1.5	39.4	53.0	6.1			99.0	1.0			19.9
Aug. 18	3.6	42.9	46.4	7.1			100.0	3.0			17.8
Aug. 25	2.0	53.1	42.9	2.0				12.5			29.9
Sept. 1		57.6	42.4					28.7			40.7
Sept. 8	5.8	46.2	44.2	3.8				49.4	5.0		45.4
Sept. 15	4.6	50.0	43.9	1.5				61.4	10.0		46.4
Sept. 22	1.8	45.6	50.9	1.7				71.9	25.0		29.9
Sept. 29								78.4	43.9		
Oct. 6								87.8	60.6		
Oct. 13								93.7	71.9		
Oct. 20	CONDITION							97.5	82.2		
Oct. 27	NOT							98.3	88.3		
Nov. 3	REQUESTED							99.0	93.0		
Nov. 10	THIS							100.0	95.0	1/	
Nov. 17	PERIOD										
Nov. 24											

1/ Question on harvest not asked after this date.

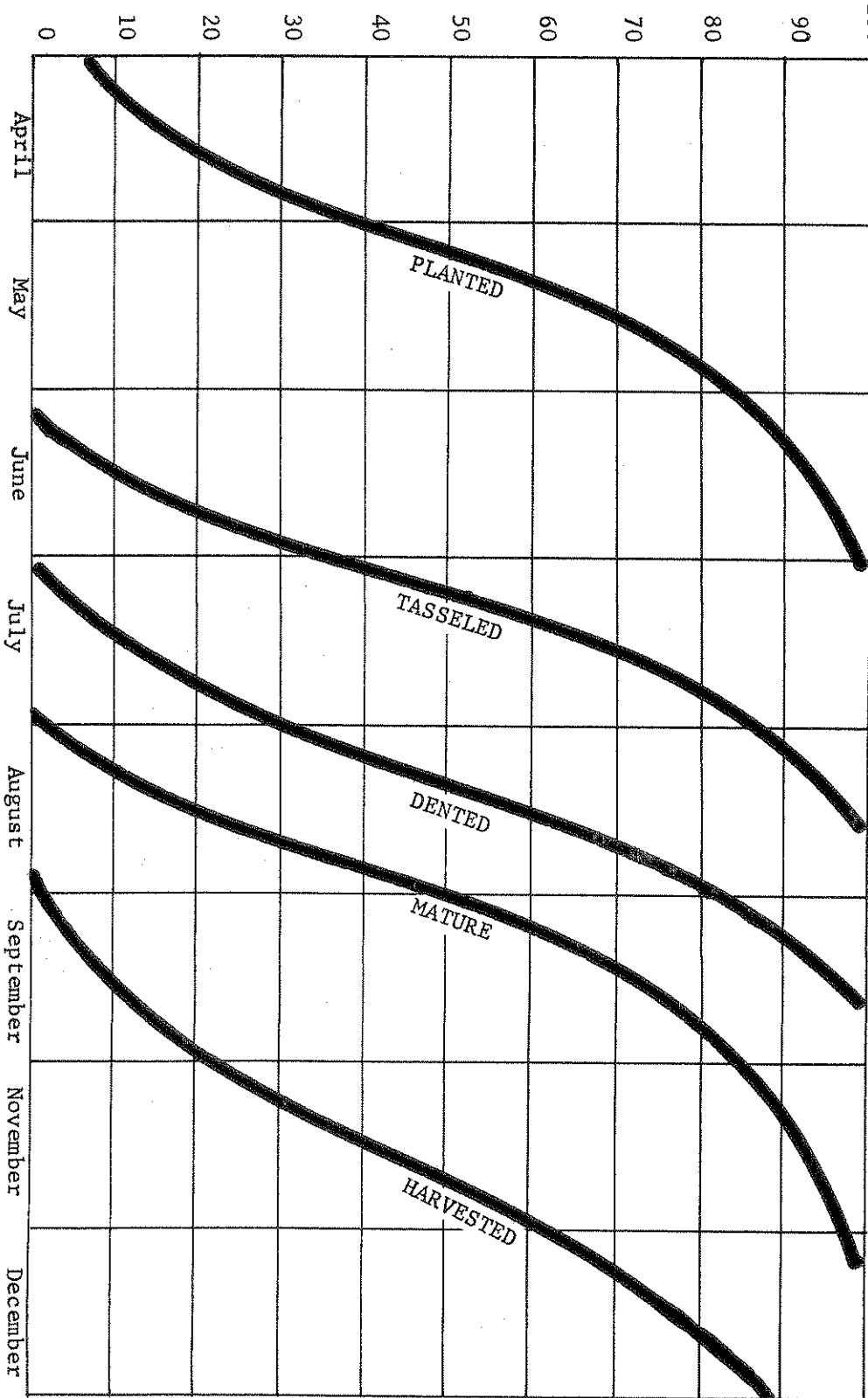
MISSISSIPPI: COTTON, Condition and Seasonal Development During 1963

Week Ending	Condition of Crop					Seasonal Developments						
	Poor	Fair	Good	Very Good	Excellent	Plant-ed	"Up to stand"	Square-ing	Small bolls	Bolls open	Harvest-ed	Boll weevil Infest
	"Percent of all Reports"							Percent of total crop to or past designated stage				
April 6							3.0					
13							9.7 .8					
20							40.3 4.0					
27							66.6 20.5					
May 4	24.6	47.6	26.2	1.6		80.3	37.7					
11	19.0	63.8	13.8	3.4		91.6	59.1	1.7				
18	10.9	48.5	37.5	3.1		97.3	71.9	2.1				
25	14.1	52.1	32.4	1.4		98.4	86.6	7.4				
June 1	11.4	44.3	41.4	2.9		100.0	97.0	11.9 .9				2.8
8	16.1	37.5	37.5	8.9			99.0	18.1	1.3			3.8
15	6.2	43.8	35.9	14.1			100.0	52.6	3.7			2.5
22	6.1	33.3	47.0	12.1	1.5			71.1	9.5			3.1
29	2.9	25.0	60.3	8.8	3.0			85.1	25.1			3.9
July 6	5.8	23.1	53.8	15.4	1.9			92.0	69.1			5.8
13	3.9	19.2	51.9	21.2	3.8			99.0	72.3			4.3
20	3.1	15.6	53.1	23.5	4.7			100.0	80.2			4.9
27	17.0	57.6	25.4					89.5				6.0
Aug 3	25.4	50.8	22.2	1.6				98.5				6.6
10	15.1	58.5	26.4					99.0				17.2
17	17.0	63.9	17.0	2.1				100.0	1.0			13.3
24	3.7	14.8	64.8	13.0	3.7				5.0			13.8
31	22.4	69.0	8.6					14.3	3.3			13.8
Sept 7	19.6	70.6	9.8					30.0	6.8			19.2
14	12.7	72.7	14.6					47.5	12.4			29.1
21	9.1	65.9	22.7	2.3				60.5	20.6			10.3
28	7.6	69.8	15.1	7.5				74.5	30.4			2.8
Oct 5								80.1	46.8			
12								85.7	60.5			
19								92.6	71.2			
26								93.9	80.0			
Nov 2								97.7	87.7			
9								98.5	92.4			
16	CONDITION NOT							99.0	95.6			
23								100.0	96.7			
30									98.8			
Dec 7	REQUESTED THIS PERIOD								99.0			
14									99.5			
21									99.9			

MISSISSIPPI COTTON: 1958-1962 AV. PERCENT PLANTED, UP TO STAND, SQUARING, BLOOMING,
BOLLS OPEN, and HARVESTED BY DATES



MISSISSIPPI CORN: 1958-1962 AV. PERCENT PLANTED, TASSELED, DENTED, MATURE, HARVESTED



MISSISSIPPI: CORN, Condition and Seasonal Development During 1962

Week Ending	Condition of Crop					Seasonal Development				
	Poor	Fair	Good	Very Good	Ex-cellent	Plant-ed	Tassel-ed	Dough	Dented	Mature
	"Percent of all Reports"					Percent of Crop to or past designated stage				
Apr. 7	8.3	83.4	8.3			6.5				
Apr. 14	14.3	64.3	21.4			11.3				
Apr. 21	3.6	75.0	21.4			21.9				
Apr. 28	3.9	57.7	34.6	3.8		42.6				
May 5	2.5	45.0	47.5	5.0		45.5				
May 12		37.3	57.6	5.1		65.4				
May 19		44.4	52.4	3.2		75.4				
May 26	6.7	58.3	33.3	1.7		84.0				
June 2	5.2	45.6	45.6	1.8	1.8	87.3				
June 9	4.4	28.0	63.2	4.4		89.3	5.0			
June 16	7.7	21.5	63.1	6.2	1.5	90.8	10.0			
June 23	5.3	33.3	50.9	8.8	1.7	95.2	20.0			
June 30	6.2	21.5	60.0	9.2	3.1	98.0	41.9	5.0		
July 7	1.6	31.7	54.0	12.7		100.0	57.8	10.0		
July 14	14.8	38.9	44.4	1.9			72.8	20.0	5.0	
July 21	17.0	59.3	23.7				79.4	40.0	11.0	
July 28	32.2	39.0	23.7	5.1			85.2	60.0	25.0	
Aug. 4	33.3	43.5	23.2				90.0	75.3	49.6	
Aug. 11	30.3	45.5	22.7	1.5			95.0	80.2	64.4	5.0
Aug. 18	35.1	43.9	17.5	3.5			100.0	87.4	72.0	15.0
Aug. 25	33.3	52.1	14.6				92.3	80.4	30.0	
Sept. 1	31.0	51.7	17.3				96.2	84.6	50.8	5.3
Sept. 8	29.1	56.4	14.5				97.3	88.4	66.2	6.0
Sept. 15	38.8	50.8	10.4				98.5	94.6	73.8	7.4
Sept. 22	30.9	50.9	18.2				99.5	96.5	78.0	13.0
Sept. 29							100.0	98.9	83.5	22.5
Oct. 6								99.9	86.3	31.5
Oct. 13							100.0	92.6	39.3	
Oct. 20	CONDITION									
Oct. 27	NOT REQUESTED									
Nov. 3	THIS PERIOD									
Nov. 10								100.0	81.3	
Nov. 17									85.2	
Nov. 24										88.5 1/

1/ Question on harvest not asked after this date.

MISSISSIPPI: CORN, Condition and Seasonal Development During 1963

Week Ending	Condition of Crop					Seasonal Development					
	Poor	Fair	Good	Very Good	Excel-lent	Planted	Tassel-ed	Dough	Dented	Mature	Harvest-ed
	"Percent of all Reports"						Percent of Crop to or past designated stage				
March 30											
April 6	8.3	50.0	33.4	8.3							
13	9.7	48.4	41.9								
20	10.2	56.4	30.8	2.6							
— 27	7.7	57.7	32.7	1.9							
May 4	8.1	56.4	33.9	1.6							
11	22.4	51.7	25.9								
18	14.5	45.2	37.1	3.2							
— 25	15.7	51.4	30.0	2.9							
June 1	16.4	43.3	34.3	6.0							
8	30.4	37.5	30.3	1.8							
15	38.5	35.4	24.6	1.5							
22	23.5	47.1	26.5	2.9							
— 29	21.8	29.5	37.2	9.0	2.5						
July 6	16.7	25.9	48.1	9.3							
13	10.7	37.5	42.8	5.4	3.6						
20	3.0	33.3	47.0	13.7	3.0						
— 27	1.6	34.9	47.6	15.9							
Aug. 3	5.8	31.9	42.0	18.8	1.5						
10	6.8	25.4	45.8	22.0							
17	3.8	30.8	48.1	15.4	1.9						
24	10.7	33.9	37.5	17.9							
— 31	5.1	30.5	55.9	8.5							
Sept. 7	3.8	26.4	60.4	9.4							
14	7.2	35.7	44.6	12.5							
21	6.4	36.2	51.0	6.4							
— 28	1.8	29.8	52.6	15.8							
Oct. 5											
12											
19	CONDITION										
26	NOT REQUESTED THIS PERIOD										
Nov. 2											
9											
16											
23											
30											
Dec. 7											
14											
21											
28											

MISSISSIPPI: SOYBEANS, Condition and Seasonal Development During 1962

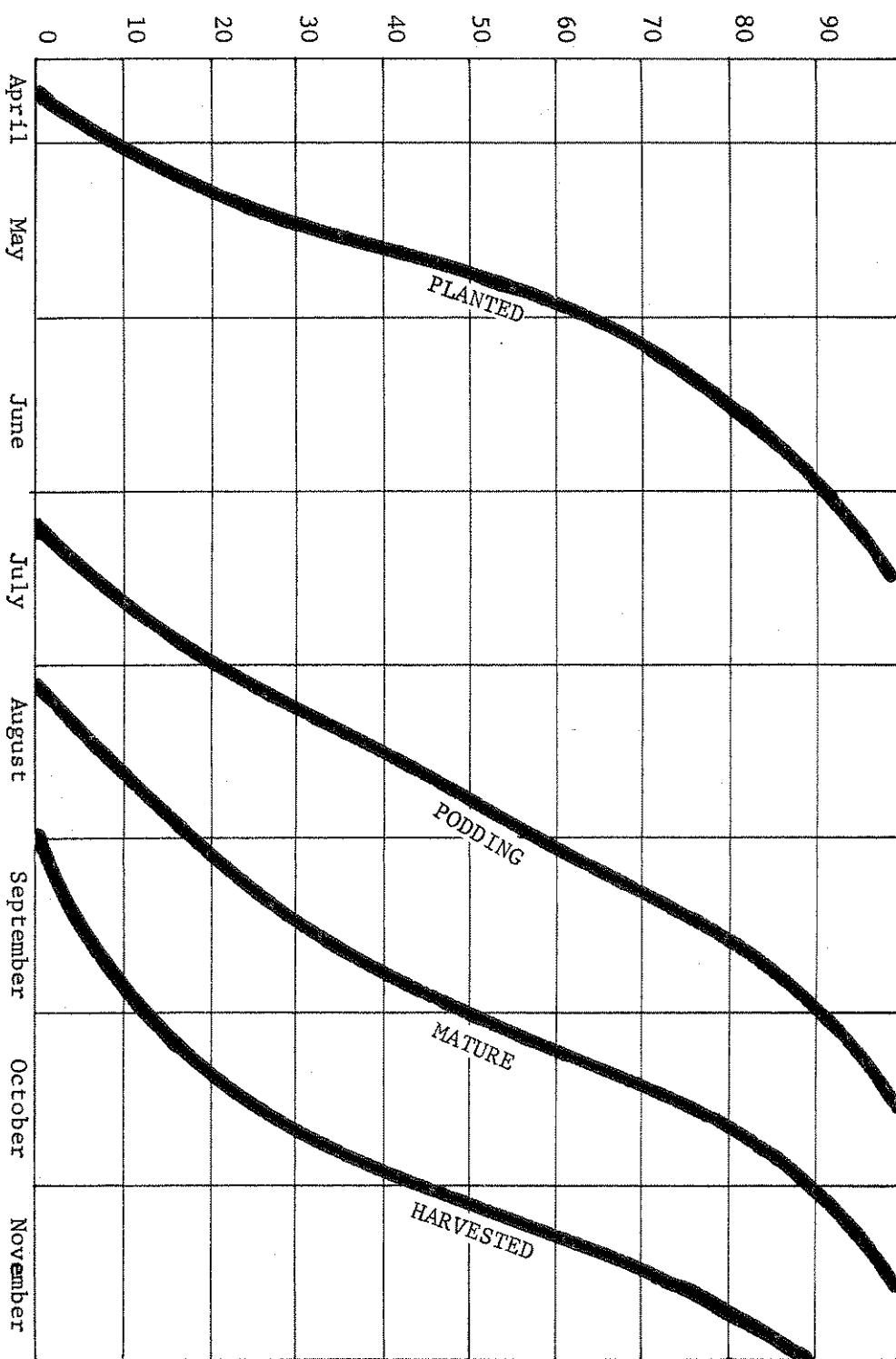
Week Ending	Condition of Crop					Seasonal Development				
	Poor	Fair	Good	Very Good	Excellent	Plant-ed	Bloom-ing	Pod-ding	Mature	Harvest-ed
	"Percent of all Reports"					Percent of Crop to or past designated stage				
Apr. 7										
Apr. 14										
Apr. 21										
Apr. 28										
May 5	11.1	33.3	44.5	11.1		4.1				
May 12	5.9	35.3	52.9	5.9		19.3				
May 19	7.1	35.7	57.2			47.9				
May 26	3.0	63.6	30.4	3.0		60.5				
June 2	2.5	60.0	37.5			74.0				
June 9	4.1	42.8	51.1	2.0		77.8				
June 16	3.9	49.0	47.1			79.4				
June 23	6.0	40.0	50.0	4.0		85.8				
June 30	5.8	44.2	44.2	5.8		90.0				
July 7	2.1	45.8	45.8	6.3		95.0	19.3			
July 14	5.0	45.0	45.0	5.0		100.0	27.1	10.0		
July 21	10.8	50.0	37.0	2.2			32.0	17.3		
July 28	8.9	46.7	40.0	4.4			45.0	24.0		
Aug. 4	5.6	56.6	34.0	3.8			56.6	32.2		
Aug. 11	7.0	48.8	41.9	2.3			68.5	37.7		
Aug. 18	10.6	53.3	31.9	2.1	2.1		70.0	45.2		
Aug. 25	20.5	59.0	20.5				76.2	54.6		
Sept. 1	6.7	60.0	28.9	2.2	2.2		82.6	65.3	5.2	3.6
Sept. 8	11.1	61.1	27.8				90.3	77.5	7.8	4.0
Sept. 15	14.3	54.8	30.9				100.0	88.8	21.7	5.0
Sept. 22	12.2	51.2	34.2	2.4				100.0	29.9	6.7
Sept. 29									35.5	8.5
Oct. 6									51.3	11.4
Oct. 13									73.2	14.8
Oct. 20	CONDITION								81.5	18.9
Oct. 27	NOT								87.7	30.7
Nov. 3	REQUESTED								95.7	37.3
Nov. 10	THIS								99.8	60.2
Nov. 17	PERIOD								100.0	78.4 1/
Nov. 24										

1/ Question on harvest not asked after this date.

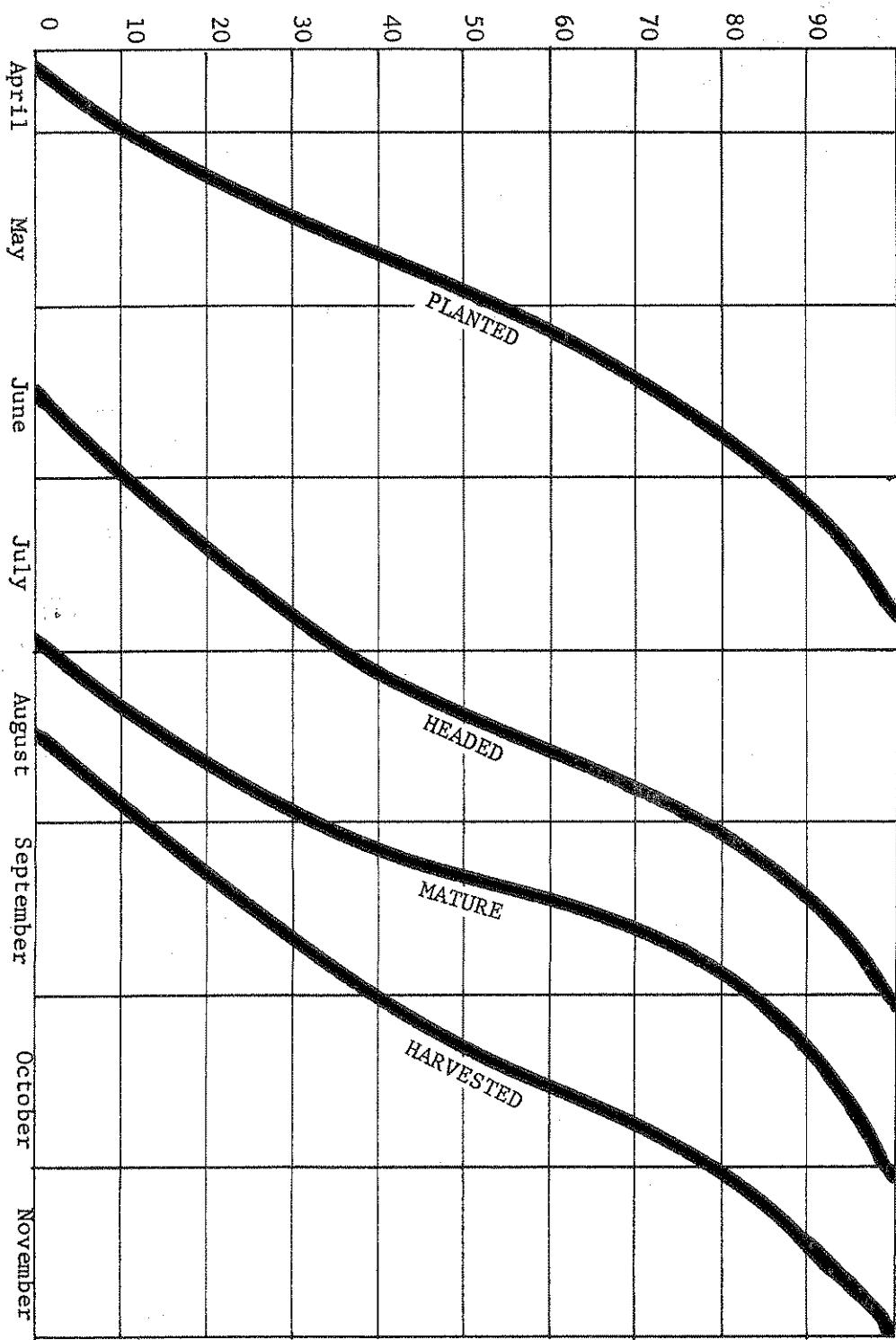
MISSISSIPPI: SOYBEANS, Condition and Seasonal Development During 1963

Week Ending	Condition of Crop					Seasonal Development				
	Poor	Fair	Good	Very Good	Ex- cel- lent	Plant- ed	Bloom- ing	Pod- ding	Mature	Harvest- ed
	"Percent of all Reports"					Percent of Crop to or past designated stage				
Apr. 6										
Apr. 13										
Apr. 20										
Apr. 27										
May 4	16.7	83.3				14.2				
May 11	29.4	52.9	11.8	5.9		24.1				
May 18	6.9	58.6	34.5			32.5				
May 25	7.7	64.1	25.6	2.6		51.3				
June 1	9.8	53.7	34.1		2.4	67.6				
June 8	13.9	50.0	36.1			82.4				
June 15	11.5	46.2	38.5	1.9	1.9	83.6				
June 22	7.5	49.1	39.6	3.8		90.3				
June 29	3.3	4.0	48.4	5.0	3.3	94.5				
July 6	2.4	30.9	59.5	4.8	2.4	100.0				
July 13	4.4	28.9	55.6	8.9	2.2		17.0			
July 20		22.8	62.7	15.3			22.0	13.0		
July 27		15.2	67.4	17.4			35.0	20.0		
Aug. 3	2.0	22.5	65.3	10.2			49.8	27.0		
Aug. 10		11.9	76.2	9.5	2.4		58.3	43.5		
Aug. 17		18.8	68.7	12.5			64.7	54.8		
Aug. 24	5.0	22.5	60.0	12.5			75.9	61.6		
Aug. 31		28.6	53.1	16.3	2.0		81.0	73.7		
Sept. 7		20.0	70.0	10.0			91.4	79.3	11.7	.5
Sept. 14		25.0	65.0	7.5	2.5		95.9	86.3	13.7	1.9
Sept. 21	2.9	29.4	67.7				100.0	95.2	16.2	2.5
Sept. 28		32.6	58.1	9.3			100.0	21.4		4.2
Oct. 5								41.9		11.6
Oct. 12								76.6		19.7
Oct. 19	CONDITION NOT REQUESTED THIS PERIOD							94.8		25.6
Oct. 26								98.9		50.9
Nov. 2	REQUESTED THIS PERIOD							100.0		68.0
Nov. 9										81.6
Nov. 16										89.7
Nov. 23										93.3
Nov. 30										95.2
Dec. 7										98.2
Dec. 14										99.1
Dec. 21										99.4
Dec. 28										99.8

PERCENT
MISSISSIPPI SOYBEANS: 1958-1962 AV. PERCENT PLANTED, PODDING, MATURE AND HARVESTED



PERCENT
MISSISSIPPI SORGHUMS: 1958-1962 AV. PERCENT PLANTED, HEADED, MATURE AND HARVESTED



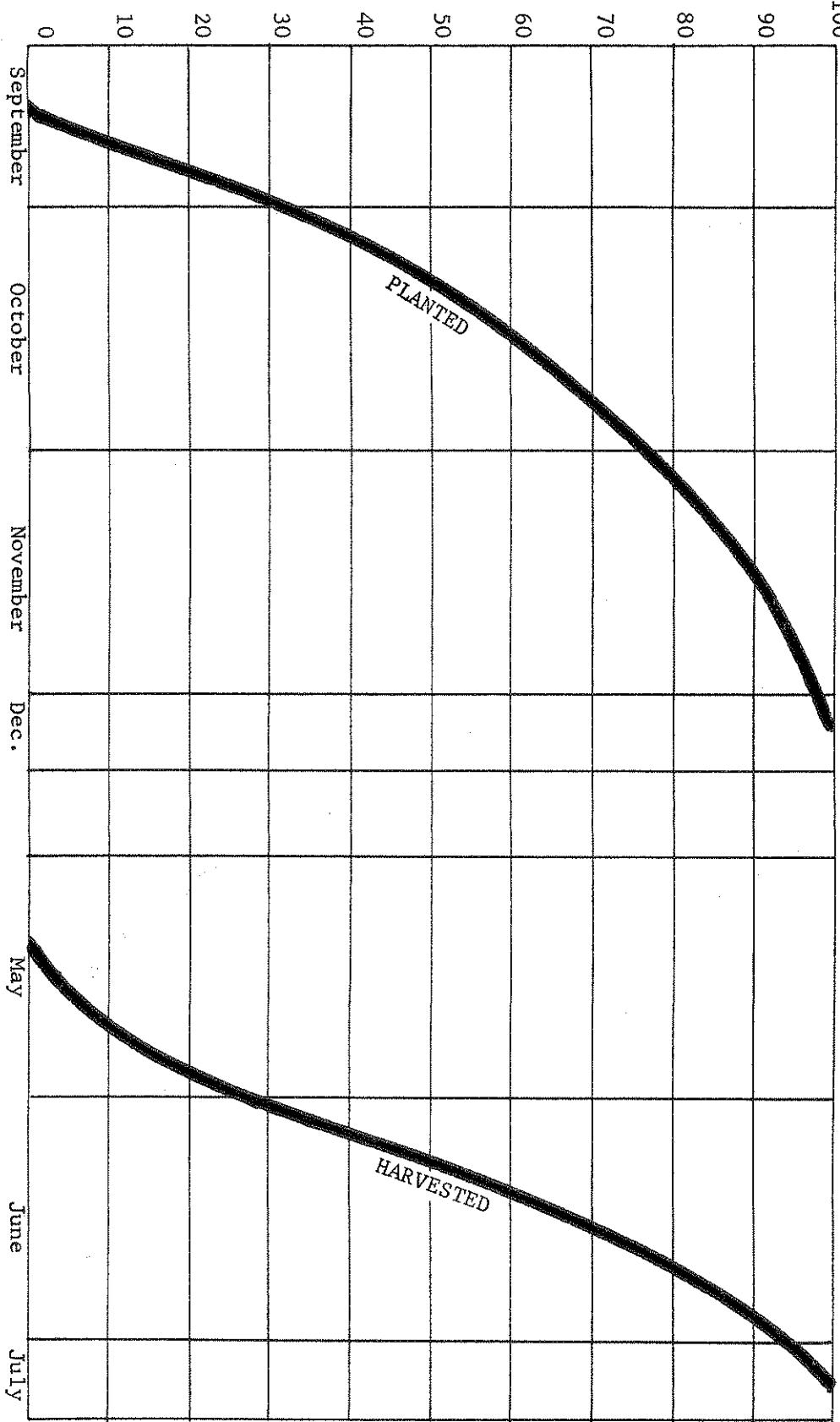
PERCENT
100
MISSISSIPPI OATS: 1958-1962 AV. PERCENT PLANTED AND HARVESTED BY DATES



1/ Fall planted only.
2/ All Oats.

PERCENT

MISSISSIPPI WINTER WHEAT: 1958-1962 AV. PERCENT PLANTED AND HARVESTED BY DATES



MISSISSIPPI RICE: 1961-62 AV. PERCENT PLANTED, HEADED, MATURE, and HARVESTED

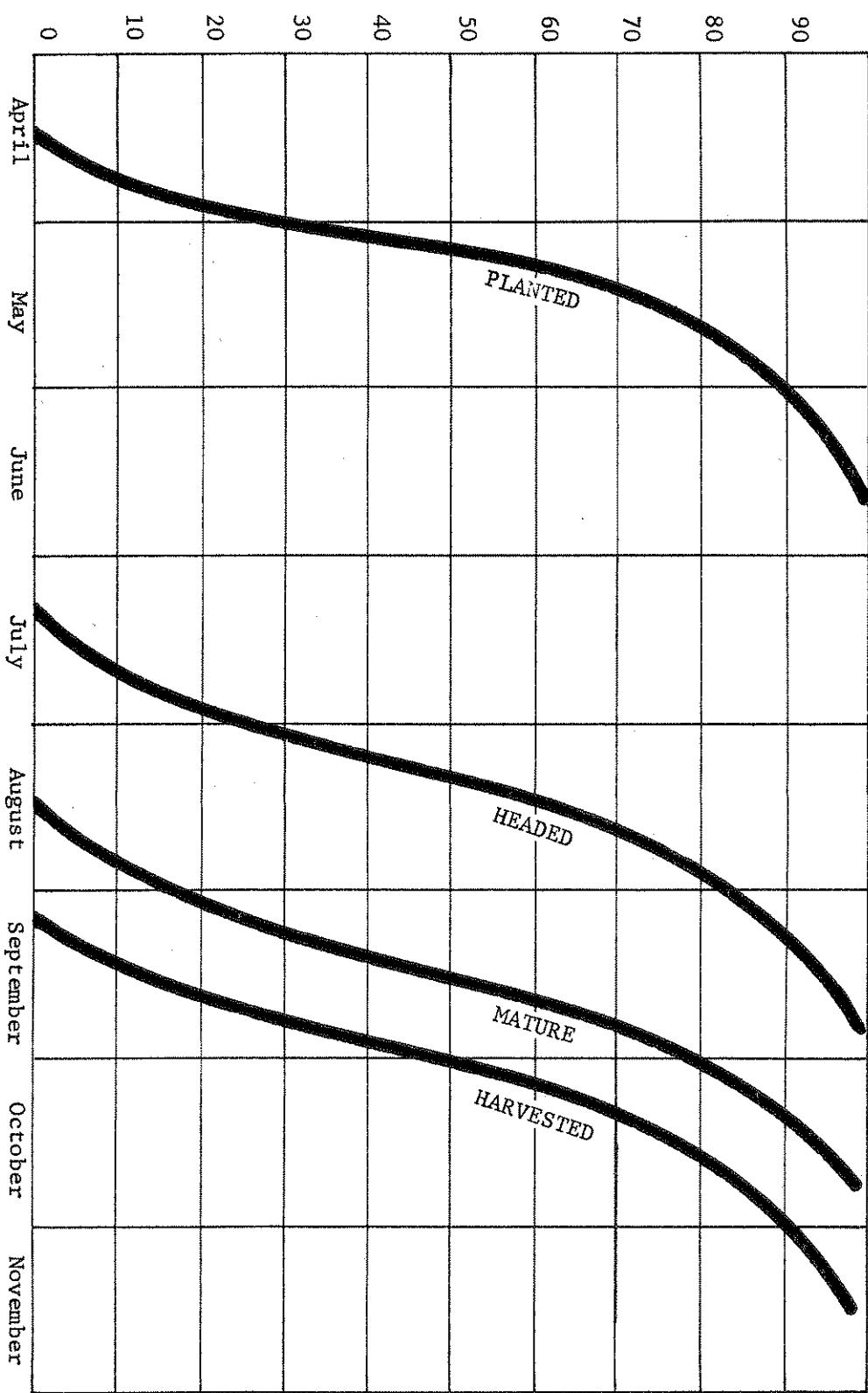
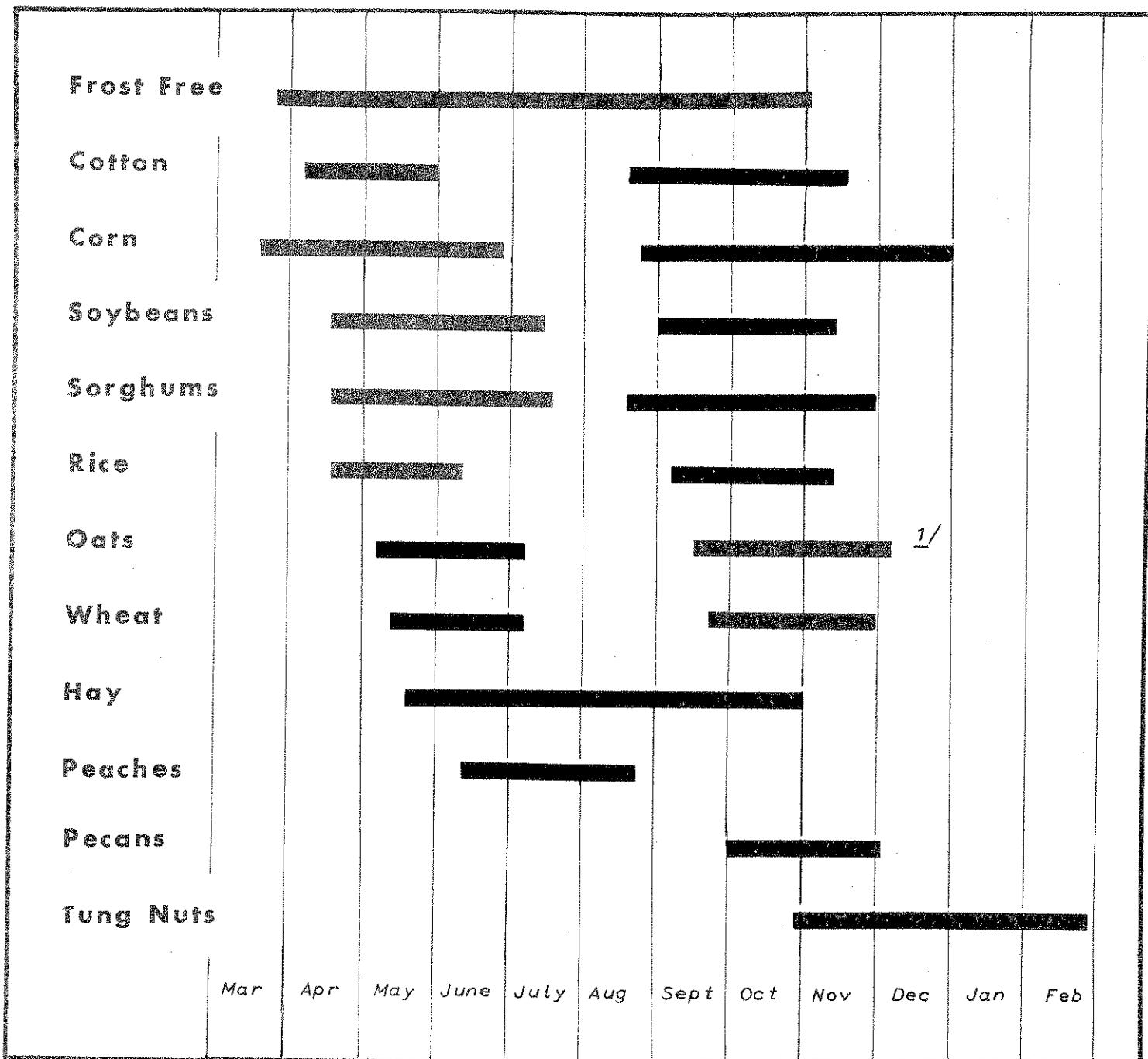


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Normal Planting and Harvesting Dates

Mississippi



1/ Fall planted only

Planting [REDACTED]

Harvest [REDACTED]